

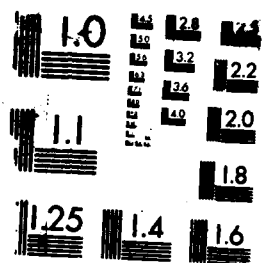
AD-A188 080

MOSCOW USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PARTS A-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. NOV 87
USAFETAC/DS-87/075 F/G 4/2

1/3

UNCLASSIFIED

NL



AD-A188 080

RB 276120

USAFETAC/DS-87/075

AWS 11111111111111111111
FL 4414
SCOTT AFB, IL 62225-5458

25 NOV 1987

DTIC FILE COPY

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

MOSCOW USSR
N 55 45

E 037 34 ELEV 511 FT

MSC #276120

PARTS A - F HOURS SUMMARIZED: SYNOPTIC HRS. ONLY

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA: NONE

NOV 23 1987

"Approved for public release;
Distribution Unlimited."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

87 12 14 171

DTIC
ELECTE
DEC 16 1987
D

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/075 Moscow USSR (LISOCS) Nov 1987 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-87/075
5. Monitoring Organization Report Number: USAFETAC/DS-87/075
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723
- 7a. Name of Monitoring Organization: USAFETAC
- 7b. Address: Scott AFB, IL 62225-5458
11. Title: (LISOGS) Moscow USSR.
12. Personal Author(s):
- 13a. Type of Report: Data Summary
- 13b. Time Covered: Sep 77-Aug 87.
14. Date of Report: Nov 87
15. Page Count: 312
17. COSATI Codes: Field--04, Group--02
- #8 Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity psychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOGS); Moscow USSR; USSR; RB276120.
19. Abstract: ⁴A statistical data summary of surface weather observation climatology: Moscow USSR. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.
20. Distribution/Availability of Abstract: Same as report.
21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625.
- 22c. Office Symbol: USAFETAC/LDD.

Accession For	
NTIS CRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 77 - AUG 87

SUMMARY OF DAY DATA: NONE AVAILABLE

TIME CONVERSION LST TO GMT: +3

CALL ID:

HOURS SUMMARIZED: SYNOPTIC HOURS ONLY

DATE PRODUCED: 19 NOV 87

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-FOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-FOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES (NONE AVAILABLE)

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT)		CALL SIGN		WMO NUMBER	
276120		MOSCOW/USSR		N 55 45		E 037 34		511 Ft		-----			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARO.					
1	MOSCOW/USSR	FGN	Sep 77 *	Aug 87	N 55 45	E 037 34	511 Ft	N/A	8				
* Data prior to Sep 77 not available.													
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
		N/A	N/A	N/A	N/A								

PPPPPPP
PPPPPPP
PP PP
PP PP
PPPPPPP
PPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		2.6		40.3		42.2	22.1	.3			22.4	303
03-05		2.3		34.1		35.7	26.7	.3			27.0	311
06-08		1.0	.7	37.5		38.8	26.1	.3			26.4	307
09-11		1.4		37.2		38.6	25.6	.4		.4	26.4	277
12-14		1.0	.3	41.0		42.0	26.6	1.0		.3	27.9	305
15-17		1.6	.3	36.2		37.5	28.2	1.0			29.1	309
18-20		2.0	1.0	33.1		35.1	31.5	1.0			32.5	302
21-23		2.9		37.3		39.3	26.6	.3			26.9	308
TOTALS		1.9	.3	37.1		38.7	26.7	.6		.1	27.3	2422

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02			.4	29.1		29.5	24.7	.4		.4	25.5	275
03-05		.7	.4	25.4		25.7	26.4	.4			26.8	284
06-08		.4		27.4		27.4	31.0				31.0	274
09-11		.4	.4	33.7		34.5	37.3		.4		37.6	255
12-14		.7	.4	28.1		28.8	29.2				29.2	281
15-17		.4		19.6		19.9	24.6	1.1			25.6	281
18-20		.4		14.7		15.1	27.2	1.1			28.3	279
21-23		.4		22.6		22.6	28.7	.4			29.0	279
TOTALS		.4	.2	25.1		25.4	28.6	.4	.1	.1	29.1	2208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBSI TO VISION	TOTAL OBS
00-02		4.0	.7	15.6		19.9	22.8				22.8	302
03-05		1.9		13.6		15.3	31.8	.3			32.1	308
06-08		2.0		14.3		16.0	36.2				36.2	307
09-11		1.4	.4	22.0		23.8	32.5				32.5	277
12-14		2.9		16.0		18.6	24.5	1.0	.3		25.8	306
15-17		2.0	.3	15.4		17.3	19.3	.7			19.9	306
18-20		3.6		14.0		17.5	18.8				18.8	308
21-23		3.0		13.2		15.5	20.7				20.7	304
TOTALS		2.6	.2	15.5		18.0	25.8	.3	.0		26.1	2418

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBSI TO VISION	TOTAL OBS
00-02		7.5		5.1		12.0	19.2	.7			19.9	292
03-05	.3	5.0		5.6		9.9	25.7				25.7	303
06-08		5.7		6.1		10.1	34.0				34.0	297
09-11		8.8		8.2		16.3	26.9	.7	.3		27.9	294
12-14		7.1		4.7		11.2	15.9	2.0			18.0	295
15-17	.3	6.4		5.8	.3	12.2	13.6	.7			14.2	295
18-20	.3	7.2		5.2		12.0	12.4	.7			13.1	291
21-23	.3	10.4		4.4		13.5	14.1	.7			14.8	297
TOTALS	.2	7.3		5.6	.0	12.2	20.2	.7	.0		21.0	2364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	7.5				7.5	11.1	.3			11.4	306
03-05	.3	6.1		.3		6.4	18.2	.3			18.5	313
06-08	.7	6.8		1.0		6.8	20.8				20.8	307
09-11		6.2		.3		6.2	12.4				12.4	307
12-14	.7	7.2		.3		7.5	2.3				2.3	306
15-17	1.6	9.8				9.8	2.0				2.0	306
18-20	1.0	13.6				10.0	2.3				2.3	299
21-23	1.0	8.2				8.2	5.6	.3			5.9	306
TOTALS	.7	7.7		.2		7.8	9.3	.1			9.5	2450

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.0	8.7				8.7	15.4			.3	15.8	298
03-05	.3	8.4				8.4	20.7				20.7	299
06-08	.3	10.0				10.0	24.1				24.1	291
09-11	.3	9.0				9.0	10.4				10.4	299
12-14	2.3	9.3			.3	9.7	4.3			.3	4.7	300
15-17	2.0	7.4				7.4	3.7			.3	4.0	297
18-20	3.0	10.7				10.7	3.7	.3		.3	4.3	299
21-23	1.7	8.4				8.4	8.1				8.1	298
TOTALS	1.4	9.0			.0	9.0	11.3	.0		.2	11.5	2381

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBSI TO VISION	TOTAL OBS
00-02	.3	6.7				6.7	24.8				24.8	298
03-05	.3	8.4				8.4	31.2				31.2	311
06-08		6.6				6.6	35.4				35.4	305
09-11		10.8				10.8	17.6			.3	18.0	306
12-14	2.0	10.1				10.1	7.2	.3			7.5	307
15-17	3.9	12.4				12.4	3.9				3.9	307
18-20	4.2	7.8				7.8	3.9	.3			4.2	307
21-23	3.3	10.7				10.7	8.8				8.8	307
TOTALS	1.8	9.2				9.2	16.6	.1		.0	16.7	2448

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBSI TO VISION	TOTAL OBS
00-02	1.0	7.2				7.2	29.5	.3			29.8	305
03-05		5.8				5.8	35.6				35.6	312
06-08	.3	8.2				8.2	41.3				41.3	305
09-11		9.5				9.5	20.3				20.3	305
12-14		7.2				7.2	8.9	.3			9.2	304
15-17	.7	8.8				8.8	3.3				3.3	307
18-20	1.6	9.2				9.2	3.9				3.9	304
21-23	1.0	6.5				6.5	19.6				19.6	306
TOTALS	.6	7.8				7.8	20.3	.1			20.4	2448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.8		.3		12.2	26.0				26.0	288
03-05	.3	13.3				13.3	33.7				33.7	300
06-08		15.1		.3		15.4	38.7				38.7	292
09-11	.3	13.8		.3		14.1	32.6				32.6	298
12-14	.7	13.3		1.1		14.4	16.5				16.5	285
15-17		9.5		.3		9.9	10.2				10.2	294
18-20	1.1	14.5		.7		15.2	8.2				8.2	282
21-23		13.0		.3		13.4	16.7				16.7	299
TOTALS	.3	13.0		.4		13.5	22.8				22.8	2338

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		9.2		4.6		13.4	25.2				25.2	305
03-05		8.0		5.1		12.9	29.6			.3	29.9	311
06-08		7.0		4.0	.3	11.3	33.4	.3			33.8	302
09-11		12.5		5.6		17.8	34.2				34.2	304
12-14		9.3		7.0		16.0	24.3				24.3	300
15-17		13.4		4.9		18.4	15.1				15.1	305
18-20		12.7		6.4		18.7	16.1				16.1	299
21-23	.7	11.8		5.9		17.8	20.4				20.4	304
TOTALS	.1	10.5		5.4	.0	15.8	24.8	.0		.0	24.9	2430

GLOBAL CLINATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		9.2		18.4		26.6	28.0				28.0	293
03-05		6.7		17.5		24.2	30.0				30.0	297
06-08		8.5		18.8		27.0	30.4	.3			30.7	293
09-11		9.7	.3	18.7		28.0	32.2				32.2	289
12-14		8.4	.7	19.3		27.7	25.3				25.3	296
15-17		9.4		18.4		27.4	24.7				24.7	299
18-20		10.2	.3	15.3		25.1	27.1				27.1	295
21-23		10.7		16.4		26.2	26.8	.3	.3	.3	27.9	298
TOTALS		9.1	.2	17.9		26.5	28.1	.1	.0	.0	28.2	2360

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		3.3	1.3	33.7		37.3	28.7				28.7	300
03-05		1.9	.3	33.4		35.4	30.5				30.5	308
06-08		1.3	.3	36.1		37.4	27.5		.3	.3	28.1	302
09-11		3.9	.7	32.9		36.7	29.3				29.3	283
12-14		3.9	1.0	36.7		40.7	24.6			.3	24.9	305
15-17		4.8		32.3		36.1	26.5				26.5	310
18-20		3.0	.3	31.6		34.2	30.6				30.6	304
21-23		2.6	.3	34.4		37.0	30.5				30.5	308
TOTALS		3.1	.5	33.9		36.9	28.5		.0	.1	28.6	2420

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

MOON	STMS	RAIN E/DRIZZLE	FRZING RAIN E/DRIZZLE	SNOW E/SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE E/HAZE	BLOWING SNOW	DUST E/SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	ALL	1.9	.3	37.1		38.7	26.7	.6		.1	27.3	2422
FEB		.4	.2	25.1		25.4	28.6	.4	.1	.1	29.1	2208
MAR		2.6	.2	15.5		18.0	25.8	.3	.0		26.1	2418
APR		.2	7.3	5.6	.0	12.2	20.2	.7	.0		21.0	2364
MAY		.7	7.7	.2		7.8	9.3	.1			9.5	2450
JUN		1.4	9.0		.0	9.0	11.3	.0		.2	11.5	2381
JUL		1.8	9.2			9.2	16.6	.1		.0	16.7	2448
AUG		.6	7.8			7.8	20.3	.1			20.4	2448
SEP		.3	13.0	.4		13.5	22.8				22.8	2338
OCT		.1	10.5	5.4	.0	15.8	24.8	.0		.0	24.9	2430
NOV			9.1	.2		26.5	28.1	.1	.0	.0	28.2	2360
DEC			3.1	.5		36.9	28.5		.0	.1	28.6	2420
TOTALS		.4	6.8	.1	11.8	.0	18.4	21.9	.2	.0	22.2	28687

PPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRR
RR RR
RR RR
RRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRRR
RRRRRRRR
RR RR
RR RR
RR RR
RRRRRRRR
RRRRRRRR

SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

PPPPPPP
PPPPPPPP
PP PP
PP PP
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAAA
AAAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT

CCCCC
CCCCCCC
CC CC
CC
CC
CC
CC
CC
CC CC
CCCCCCC
CCCCC

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: JAN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.3	1.0	1.3								4.6	7.7
NNE	1.0	.7	.7	1.3								3.6	7.5
NE	.7	.7	.3									1.7	4.8
ENE	.7	.7	.3									1.7	4.8
E		2.0	1.0	.7								3.6	7.5
ESE		2.6	3.0	1.3								7.0	8.0
SE	.7	1.7	1.3	1.3	.7							5.6	8.7
SSE	.3	1.3	1.0	4.6								7.3	10.7
S	1.0	2.3	2.3	2.3								7.9	8.1
SSW	1.3	2.0	2.6	1.7								7.6	7.5
SW	.3	3.0	3.0	3.0	.3							9.6	9.2
WSW		3.6	1.7	3.3	.3							8.9	8.9
W	1.7	4.3	2.0	2.6	.3							10.9	7.7
WNW	1.0	3.3	4.3	.7								9.3	7.3
NW	.7		1.0	1.0								2.6	8.5
NNW	.3	.3										.7	3.0
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	9.6	30.8	25.5	25.2	1.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.9	.6	1.0							4.2	6.7
NNE	.6	1.3	.6	.6							3.2	6.4
NE	1.0	.6	1.0								2.6	5.2
ENE	.3	.3	.3	1.0							1.9	4.7
E	.6	1.9	1.3	.3							4.2	5.8
ESE	.3	2.3	.6	1.3							4.5	7.4
SE	.3	2.3	3.2	1.3	.6						7.7	8.9
SSE	1.0	.6	1.3	2.3	.3						5.5	9.5
S	1.3	1.6	2.3	2.3	.3						7.7	8.1
SSW		1.3	2.3	1.3							4.8	8.5
SW	1.0	3.2	1.6	3.2	.3						9.1	9.5
WSW	1.3	2.3	1.9	2.6	.6						8.7	9.0
W	.3	3.9	3.9	4.8	.6						13.5	9.5
WNW	1.3	2.6	3.9	1.3	.3						9.3	8.1
NW	.6	1.0		.6							2.3	6.0
NNW	.6	.3	.6								1.6	4.8
VARIABLE												
CALM	////////////////////										9.0	////
TOTALS	11.3	27.3	25.4	23.8	3.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 311

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.3	1.3	.3								5.3	5.6
NNE	1.0	1.3	.7	.7								3.6	6.2
NE		.7	.7									1.3	6.0
ENE	.7		1.0									1.6	6.0
E		2.3	1.0	.7								3.9	7.3
ESE	.3	2.3	1.6	1.3								5.6	7.5
SE	1.6	1.0	2.3	2.3								6.6	8.8
SSE	1.0	1.3	1.3	1.6	.3	.3						5.9	9.4
S		3.0	2.0	2.0								6.9	8.0
SSW	1.0	2.0	3.3	2.0								8.2	7.9
SW	.3	2.6	1.6	3.3	.3							8.2	9.6
WSW	.3	4.3	2.3	1.3	.7							8.9	8.2
W	2.0	3.0	3.6	3.6	.3							12.5	8.2
WNW	.3	2.6	2.6	1.3	.3							7.2	8.1
NW	1.6	1.0	1.6	.3								4.6	5.9
NNW		.3	.3									.7	8.0
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	10.9	29.9	27.3	20.7	2.0	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.1	1.1	.4							3.6	6.0
NNE	.4	.4	1.1	.4							2.2	8.0
NE	.4	.7		.4							1.4	5.5
ENE	1.1	.7	.7								2.5	4.9
E	1.4	1.8	1.1								4.3	5.0
ESE		2.9	1.1	2.9							6.9	8.9
SE	.7	2.2	1.1	2.9							6.9	8.5
SSE		2.5	1.4	1.4		.4					5.8	9.1
S	.7	3.2	1.1	1.4							6.5	7.1
SSW		2.9	2.5		.7						6.1	7.8
SW	.7	2.9	4.3	1.4							9.4	8.1
WSW	1.1	3.2	2.2	2.9							9.4	8.0
W	1.8	5.1	3.2	5.1							15.2	8.1
WNW	.7	2.5	1.8	2.2	.4						7.6	8.4
NW	.7	.7	1.1								2.5	6.3
NNW	.7	.7	1.4								2.9	6.0
VARIABLE												
CALM	////////////////////										6.9	////
TOTALS	11.6	33.6	25.3	21.3	1.1	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.3	1.0								3.0	5.6
NNE	.7	2.3	.3								3.3	4.8
NE	.3	1.0		1.3							2.6	8.3
ENE	.7	1.3	.7	.3							3.0	5.6
E	1.0	1.0	.3	.7							3.0	6.0
ESE	.3	3.0	1.6	2.0	.3						7.2	8.1
SE		3.3	1.0	3.9		.3					8.6	9.5
SSE	.7	1.3	1.0	1.0	.3						4.3	8.2
S		2.6	.7	1.6							4.9	8.4
SSW	1.0	2.6	2.3	1.6	.3						7.9	8.0
SW	.3	2.3	3.0	4.9							10.5	9.5
WSW	.7	3.3	2.0	3.6							9.5	8.2
W	.7	3.3	2.3	4.3	.7						11.2	9.3
WNW		3.9	.7	1.6							6.2	7.5
NW	.3	.3	.3	1.3							2.3	10.0
NNW	1.3	1.0	1.3	.7							4.3	6.2
VARIABLE												
CALM	////////////////////										8.2	////
TOTALS	8.6	33.9	18.4	28.9	1.6	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.3	1.0									2.9	6.0
NNE	1.3	1.6	.3	.3								3.6	4.7
NE	.6	.3	.6	.6								2.3	7.7
ENE	.3	.6	.3	.6								1.9	7.3
E		2.3	1.3	.3								3.9	6.7
ESE	1.3	1.9	.6	2.3								6.2	7.8
SE		4.2	1.3	3.2	.3							9.1	8.9
SSE		1.9	1.0	3.2								6.2	9.5
S		2.3	2.3	1.0								5.5	7.6
SSW	1.3	1.9	1.3	1.3	.3							6.2	7.6
SW		3.9	2.6	3.6		.3						10.4	9.0
WSW	1.0	1.6	2.6	4.2								9.4	9.4
W		3.2	4.2	4.5	.3							12.3	9.4
WNW	.3	2.9	1.3	1.6								6.2	7.2
NW		1.0	.6	1.0								2.6	8.3
NNW	1.3	1.6	.6	1.3								4.9	6.4
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	8.1	32.8	22.1	29.2	1.0	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.7	1.0								3.3	6.0
NNE	1.7	.3	.3	.3							2.7	4.5
NE	.3	.7	.3	.3							1.7	6.8
ENE		.7	.3	1.0							2.0	9.3
E	1.3	1.7	1.0	.7							4.7	5.9
ESE	.7	3.3	2.0	1.0							7.0	6.8
SE	.3	.7	2.3	2.3	1.0						6.7	11.1
SSE		3.0	1.0	2.7		.3					7.0	9.5
S	1.0	3.3	1.7	2.0							8.0	7.2
SSW	.3	2.3	1.7	.3							4.7	6.4
SW		2.0	2.3	4.0	1.0						9.4	10.4
WSW	.3	3.3	4.0	4.0							11.7	9.0
W		2.7	4.0	2.0	.3						9.0	9.0
WNW	.3	3.0	1.3	2.7							7.4	8.2
NW		.3	.7	.7							1.7	9.2
NNW	1.0	1.3	.3	1.0							3.7	6.5
VARIABLE												
CALM	////////////////////										9.4	////
TOTALS	8.0	30.4	24.4	25.1	2.3	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.3	1.3								2.9	6.7
NNE	.3	1.6	.3	1.3							3.6	7.6
NE	1.0	.6									1.6	3.2
ENE		1.0	1.3								2.3	6.9
E	.6	1.9	1.0	1.0							4.5	7.4
ESE	.3	2.6	1.6	1.3							5.8	7.3
SE	1.3	2.6	1.6	2.9	.3						8.8	8.6
SSE	.3	1.6	1.6	2.9	.6						7.1	10.5
S	1.3	1.3	2.3	1.9							6.8	8.1
SSW		2.6	1.9	.3							4.9	6.9
SW		2.9	3.9	4.5							11.4	9.7
WSW	.3	2.3	.6	3.9		.3					7.5	10.4
W		2.3	3.9	3.9							10.1	9.9
WNW	.3	3.6	1.9	1.0							6.8	7.1
NW	.3	.6	.6	.6							2.3	8.3
NNW	1.0	1.9	1.9								4.9	6.1
VARIABLE												
CALM	////////////////////										8.8	////
TOTALS	7.5	30.8	26.0	25.6	1.0	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.7	1.0	.4								3.7	6.3
NNE	.9	1.2	.5	.6								3.2	6.2
NE	.5	.7	.4	.3								1.9	6.1
ENE	.5	.7	.6	.4								2.1	6.6
E	.6	1.9	1.0	.5								4.0	6.5
ESE	.4	2.6	1.5	1.7	.0							6.3	7.8
SE	.5	2.2	1.8	2.5	.4	.0						7.5	9.1
SSE	.4	1.7	1.2	2.5	.2	.1						6.1	9.7
S	.7	2.4	1.8	1.8	.0							6.8	7.9
SSW	.6	2.2	2.2	1.1	.2							6.3	7.6
SW	.3	2.9	2.8	3.5	.2	.0						9.8	9.3
WSW	.6	3.0	2.2	3.2	.2	.0						9.2	8.9
W	.8	3.4	3.4	3.9	.3							11.8	8.9
WNW	.5	3.1	2.2	1.5	.1							7.5	7.8
NW	.5	.6	.7	.7								2.6	7.6
NNW	.8	1.0	.8	.4								2.9	6.1
VARIABLE													
CALM	////////////////////											8.1	////
TOTALS	9.4	31.2	24.3	25.0	1.7	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 2413

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.8	1.8	.4							4.8	6.2
NNE	.7	2.6	.7	.7							4.8	6.3
NE		1.8	1.8	.4							4.0	7.5
ENE		1.1	1.8								2.9	7.5
E	.7	1.9	1.1	1.8							5.5	7.6
ESE	1.5	1.5	1.1	.7	.4						5.1	7.1
SE	.7	3.3	1.5	2.2	.4						8.1	8.5
SSE		2.2	1.8	1.8	.7						6.6	9.9
S		1.1	1.5	.7							3.3	8.0
SSW	1.1	.4	.7	.7							2.9	6.8
SW	1.5	1.1	1.5	1.1							5.1	6.4
WSW	.4	2.6	1.1	2.6							6.6	8.2
W	.4	2.6	4.8	2.2							9.9	8.9
WNW	.7	2.6	3.3	.4							7.0	6.9
NW	1.1	2.6	.7	.4							4.8	5.1
NNW	1.1	1.5	1.5	.4							4.4	6.5
VARIABLE												
CALM	////////////////////										14.3	////
TOTALS	10.6	30.4	26.7	16.5	1.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 74-87
MONTH: FEB HOURS(IST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	1.8	.7	.4							4.7	4.7
NNE	.7	2.1	.4								3.2	4.4
NE		2.5	2.5	.7							5.7	5.4
ENE	1.1	.7									1.8	5.1
E	.7	2.5	.7	1.4							5.3	5.2
ESE	.4	2.5	1.1	1.4							5.4	5.2
SE		2.5	1.1	2.1	.7						6.3	4.7
SSE	.7	1.4	1.1	2.5	1.1						6.7	10.4
S		2.1	.7								2.8	4.3
SSW	.7	.4	.4	.7							2.1	7.3
SW		1.1	1.1	2.8							4.9	10.0
WSW	2.1	3.2	1.8	1.1							8.1	5.5
W	1.4	2.8	2.1	2.5	.4						9.2	7.8
WNW	1.4	3.9	3.5	1.1							9.9	6.6
NW	.4	1.1	1.4	.7							3.6	7.8
NNW	.4	.7	2.5	.4							4.0	8.0
VARIABLE												
CALM	////////////////////										16.9	////
TOTALS	11.6	31.0	20.8	17.6	2.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7P-87
MONTH: FEB HOURS/LSST: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.9	1.1	.7								4.8	7.2
NNE	1.0	.9	1.1									3.3	4.4
NE	.7	2.6	1.5									4.8	5.4
ENE	.7		2.2	.7								3.7	8.0
E	.7	.9	1.1	1.1								3.3	9.2
ESE		2.2	1.0									4.0	6.2
SE	.9	2.9	2.9	2.2	.9							8.8	8.9
SSE	.9	1.1	2.6	1.9								5.9	8.6
S		.9	.9	1.1								1.9	10.0
SSW	.7	1.1	.7	1.5								4.0	7.6
SW	1.1	1.5	.7	.7								4.0	6.4
WSW	1.5	3.7	1.8	2.6								9.5	7.5
W	.7	3.3	2.6	2.6								9.2	7.8
WNW	.9	.7	2.2	.9								3.7	7.6
NW	1.1	1.1	2.6	.7	.9							5.9	7.4
NNW	1.1	1.1	.7	.7	.9							4.0	7.4
VARIABLE													
CALM	////////////////////											19.4	////
TOTALS	11.4	25.3	26.0	16.8	1.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	2.0	.8	.8								4.3	6.4
NNE	.4	3.1	.8	.4								4.7	5.8
NE	.8	2.0	2.8	.4								5.9	6.7
ENE	.4	1.6	.8	.4								3.1	6.5
E	1.2	.4	.8	1.6								3.9	7.8
ESE		1.6	.8									2.4	5.7
SE	.4	3.1	2.4	2.4	.4							8.7	8.5
SSE		1.6	2.4	2.8								6.7	9.9
S	.8	.8	.8									2.4	5.2
SSW	.4	.8		.4								1.6	6.5
SW	.4	.8	1.2	2.4								4.7	10.2
WSW	.8	3.9	3.5	.8								9.1	7.0
W	1.2	6.3	2.8	3.1								13.4	7.3
WNW	.8	.8	1.2	1.6								4.3	8.2
NW	.8	.8	1.6	1.2								4.3	7.8
NNW	.4	2.0	2.4	.4								5.1	7.1
VARIABLE													
CALM	////////////////////											15.4	////
TOTALS	9.4	31.5	24.8	18.5	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 254

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS/1ST: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	3.6	1.4	.4							6.4	5.4
NNE	.4	2.5	.7								3.6	5.4
NE		1.4	1.4								2.8	7.0
ENE	.7	1.4	1.4	1.4							5.0	7.0
E		1.4	1.1	1.1							3.6	8.0
ESE	.4	1.4	.4	.7							2.8	7.4
SE	.4	3.9	3.2	4.3							11.7	9.0
SSE	.7	2.1	1.8	1.8	.4						6.8	8.4
S	.7	.4	.7	.4							2.1	7.7
SSW	.7	1.1		.7	.4						2.8	7.4
SW	.7	2.1	1.8	1.8							6.4	7.7
WSW	1.8	2.1	2.1	1.8							7.8	7.4
W	1.1	5.0	2.8	3.9							12.8	8.0
WNW	1.4	2.8	.7	1.4							6.4	6.8
NW	1.1	1.4	1.4	2.1							6.0	8.0
NNW	.7	.7	1.4								2.8	6.5
VARIABLE												
CALM	////////////////////										10.0	////
TOTALS	11.7	33.5	22.4	21.7	.7						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-P7
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.6	1.1	.4							5.7	5.1
NNE	.7	2.1	1.4	.4							4.6	6.5
NE		1.0	1.0	.4							3.9	7.1
ENE		.4	.4								.7	6.0
E	.7	2.1	1.4	1.0							6.0	7.8
ESE	.7	1.0	3.6	.4							6.4	7.4
SE	.4	2.0	2.1	2.5	.4						8.2	8.9
SSE	.4	2.0	1.4		.4						5.0	6.9
S	1.4	2.1	.4	1.4							5.3	6.9
SSW	1.1	.4	.7	1.1							3.2	7.6
SW	.4	.4	1.0	.7							3.2	8.7
WSW	1.1	3.6	1.4	2.5							8.5	7.4
W	.4	2.5	2.0	3.6	.7						10.0	9.4
WNW	.7	4.3	2.1	2.5	.4						10.0	7.9
NW		2.1	1.1	1.4							4.6	8.2
NNW	.4	2.1	2.1	.7							5.3	7.1
VARIABLE												
CALM	////////////////////////////////////										9.3	////
TOTALS	8.9	34.9	25.6	19.6	1.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	3.6	1.1	1.1								6.5	6.8
NNE	.7	2.9	1.1	.4								5.0	5.7
NE	.4	.7	1.1									2.2	5.7
ENE	.4	1.4	1.4									3.2	6.5
E		4.0	2.2	1.4								7.6	8.0
ESE	.7	2.5	1.4	1.8								6.5	7.6
SE		2.9	2.2	2.5								7.6	8.7
SSE		1.8	1.8	2.2	.7							6.5	10.3
S	.7	3.8	1.1	.4								4.0	6.0
SSW		.4	.4	.4								1.1	8.0
SW		1.1	.7	1.1								2.9	9.3
WSW	1.4	2.5	.4	3.6								7.9	7.8
W	1.1	5.4	2.2	4.3	.4							13.3	8.2
WNW	.7	2.5	2.9	1.4								7.6	7.5
NW		1.8	1.4	1.1								4.3	8.2
NNW	.4	1.1	1.1	1.1								3.6	7.8
VARIABLE													
CALM	////////////////////											10.4	////
TOTALS	7.2	36.3	22.3	22.7	1.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7P-87
MONTH: FEB HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	1.8	2.5	.4							5.7	6.8
NNE		2.9	.7	.4							3.9	6.2
NE	.4	.4	.7								1.4	7.0
ENE	.7	2.5	1.8	.7							5.7	6.8
E	.4	2.5	.4	1.4							4.7	7.2
ESE	.7	3.6	1.8	.7	.4						7.2	7.3
SE	.4	2.5	2.2	1.4	.4						6.8	8.1
SSE	.4	1.4	1.4	3.6	.4						7.2	10.4
S		1.4	.7	1.4							3.6	8.4
SSW	1.4	1.1	.4	.4							3.2	4.7
SW		.4	1.8	2.2							4.3	10.2
WSW	.4	2.2	.4	2.2							5.0	8.1
W	.4	5.0	3.6	2.9							11.8	7.9
WNW	1.1	3.2	4.3	1.4							10.0	7.6
NW		1.1	1.1	.4							2.5	7.1
NNW	.7	2.2	1.4	1.1							5.4	7.3
VARIABLE												
CALM	////////////////////////////////////										11.5	////
TOTALS	7.9	34.1	25.1	20.4	1.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.6	1.3	.5							5.4	6.1
NNE	.7	2.3	.9	.3							4.1	5.7
NE	.2	1.6	1.7	.2							3.8	6.8
ENE	.5	1.1	1.2	.4							3.3	6.5
E	.5	1.9	1.1	1.5							5.0	7.8
ESE	.5	2.1	1.5	.7	.1						5.0	7.2
SE	.3	3.0	2.2	2.5	.3						8.3	8.8
SSE	.3	1.8	1.8	2.0	.5						6.4	9.4
S	.5	1.3	.8	.7							3.2	7.0
SSW	.8	.7	.4	.7	.0						2.6	6.5
SW	.5	1.0	1.3	1.6							4.4	8.5
WSW	1.2	3.0	1.5	2.1							7.8	7.4
W	.8	4.1	3.0	3.1	.2						11.2	8.1
WNW	.9	2.6	2.5	1.3	.0						7.4	7.4
NW	.5	1.5	1.4	1.0	.0						4.5	7.5
NNW	.6	1.4	1.6	.6	.0						4.3	7.3
VARIABLE												
CALM	////////////////////										13.3	////
TOTALS	9.9	32.1	24.2	19.2	1.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 2203

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7		.3	.3								1.3	6.5
NNE	.3	1.3	.7	.3								2.7	6.0
NE	.7	1.3										2.0	4.3
ENE	.3	2.3	1.0	.7								4.3	6.8
E	.7	1.3		.3								2.3	5.4
ESE	1.3	1.3	.3	.3								3.3	5.0
SE	1.0	3.7	3.0	2.7	.3							10.6	8.3
SSE	1.7	3.3	3.3	3.3								11.6	8.2
S	1.7	4.0	2.7	2.0								10.3	6.8
SSW	.7	1.7	1.3	.3								4.0	6.3
SW		1.0	1.0	1.3								3.3	9.4
WSW	.7	1.7	1.3	1.3	.3							5.3	8.2
W	.7	4.0	4.0	2.3								11.0	7.5
WNW	.7	1.3	2.3	.3								4.7	7.4
NW	.3	.3	1.7									2.3	6.9
NNW	.3	.7	.3									1.3	5.0
VARIABLE													
CALM	////////////////////											19.6	////
TOTALS	11.6	29.2	23.3	15.6	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3		.6	.3								1.3	9.0
NNE	.6	1.6		.3								2.6	5.0
NE		1.0	1.0									1.9	6.7
ENE	1.0	.3	1.0	1.0								3.2	7.4
E	1.0	1.3		.3								2.6	4.5
ESE		1.6	1.0	.6								3.2	7.4
SE	1.6	1.9	3.9	3.2	.3							11.0	8.6
SSE	2.3	3.6	2.6	1.9								10.4	6.9
S	1.0	2.9	1.6	1.3								6.8	6.8
SSW	.6	1.0	.3	1.0								2.9	6.7
SW	.6	3.2	1.6	.6								6.2	6.9
WSW	.3	1.3	1.6	1.9								5.2	9.4
W	.6	4.5	2.3	.6								8.1	6.4
WNW	1.6	1.6	2.3	.3	.3							6.2	6.3
NW	.3	.3	.6	.6								1.9	8.0
NNW		.3										.3	6.0
VARIABLE													
CALM	////////////////////											26.0	////
TOTALS	12.0	26.6	20.5	14.3	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 308

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.3	.7	.3							1.6	7.6
NNE		1.0	.7								1.6	5.6
NE	.3	1.6	.7	.3							2.9	5.6
ENE	1.3	1.0	1.6	.3							4.2	6.2
E		.3	.3	.3							1.0	8.7
ESE	1.0	3.6	1.3	.7							6.5	6.1
SE	.3	2.6	4.6	2.3							9.8	8.5
SSE	.3	3.3	1.6	2.3							7.5	7.9
S	1.0	2.9	2.0	.3							6.2	6.1
SSW	.7	1.0	1.3	.3							3.3	6.4
SW		1.6	1.6	.7	.3						4.2	8.7
WSW	.3	4.2	1.3	1.6	.3						7.8	7.6
W	.7	1.6	2.0	1.0							5.2	7.5
WNW	.7	3.3	1.3	.3							5.6	6.4
NW	.3	.7	.3	.7							2.0	7.7
NNW	1.0	.7	.7								2.3	4.6
VARIABLE												
CALM	////////////////////										28.1	////
TOTALS	8.2	29.7	21.9	11.4	.7						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.8	1.1	.4							3.6	6.4
NNE	1.4	2.2	.4								4.0	4.4
NE	.4	1.4	1.1	.4							3.2	6.4
ENE	1.1	2.5	1.1								4.7	4.8
E	.7	.7	1.1								2.5	6.2
ESE	.7	1.8	1.1	1.1							4.7	7.1
SE	1.8	5.1	2.9	4.3							14.1	7.5
SSE	.7	.7	2.2	2.2							5.8	8.6
S	1.4	2.2	3.2	.4							7.2	6.2
SSW	1.1	4.0	1.1	.4							6.5	5.2
SW		2.2	1.8		.4						4.3	7.8
WSW	.7	1.1	2.5	1.4							5.8	8.4
W	1.4	3.2	1.4	.7							6.9	5.6
WNW		3.2	.7	1.1							5.1	7.2
NW	.4	.7	1.4	.7							3.2	8.4
NNW	.7	1.4									2.2	3.7
VARIABLE												
CALM	////////////////////										16.2	////
TOTALS	13.0	34.3	23.1	13.0	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.6	1.0	.3								3.3	6.0
NNE	.3	1.6	1.3	.3								3.6	6.5
NE	.3	2.0	1.3	.3								3.9	6.7
ENE	.3	1.3	1.0	.7								3.3	6.6
E	1.6	.7	1.0	.3								3.6	5.2
ESE	.7	3.9	2.0	.7	.3							7.6	6.7
SE		2.6	3.9	3.3								9.9	8.7
SSE	.3	3.6	1.3	1.6								6.9	7.6
S	2.0	1.6	2.0	2.6								8.2	7.6
SSW	1.3	2.6	1.6	1.0								6.6	6.7
SW		2.3	2.6	.3								5.3	7.5
WSW	1.0	4.3	1.0	1.3								7.6	6.6
W	1.0	1.6	3.0	1.3	.7							7.6	8.8
WNW		1.0	1.6	1.3								3.9	9.2
NW	.3	1.3	1.6	1.0								4.3	8.2
NNW	.3	2.0	.7	.7								3.6	6.4
VARIABLE													
CALM	////////////////////											10.9	////
TOTALS	9.9	34.2	27.0	17.1	1.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7	1.6	.7								2.9	9.1
NNE	.7	2.3	.7									3.6	5.8
NE		1.3	1.3	.3								2.9	7.1
ENE	.7	1.3	1.3									3.3	6.0
E	.3	1.0	1.0	.3								2.6	7.2
ESE	1.0	3.9	1.0	1.6								7.5	6.9
SE		3.6	1.6	2.9								8.2	8.8
SSE	.7	2.9	2.6	2.9	.3							9.5	8.9
S	1.0	3.9	2.3	1.3	.3							8.6	7.4
SSW	.7	3.3	1.0	1.3								6.2	7.2
SW	1.0	1.6	1.3	1.0								4.9	6.5
WSW	1.0	2.3	2.0	1.6								6.9	7.5
W		1.6	2.6	3.3	.3							7.8	10.1
WNW	.7	2.0	1.3	2.3	.3							6.5	8.7
NW		1.6	.3	2.0								3.9	9.2
NNW		1.3	.7	.3								2.3	7.1
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	7.5	34.6	22.5	21.9	1.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.0		1.3							3.3	7.6
NNE		1.3	.7	.3							2.3	6.6
NE	.3	1.0	1.6								2.9	7.1
ENE		2.0	1.0								2.9	6.4
E	1.0	2.6	1.0	.3							4.9	5.5
ESE	.3	2.0	1.6	1.6							5.5	8.0
SE	1.3	3.9	2.9	4.6	1.0						13.7	8.8
SSE	.3	2.0	4.9	2.9							10.1	8.9
S	1.0	3.3	1.6	2.0							7.8	7.1
SSW	.7	1.3	.7	.7							3.3	6.6
SW		1.6	2.0	.7							4.2	8.2
WSW	1.0	1.6	1.6	1.6							5.9	7.6
W	.3	2.6	2.0	3.9							8.8	9.2
WNW	.7	1.0	2.0	1.3							4.9	8.1
NW	.3	2.0	.3	2.3							4.9	8.4
NNW		1.0	1.6	.7							3.3	8.2
VARIABLE												
CALM	////////////////////										11.4	////
TOTALS	7.2	30.9	25.4	24.1	1.0						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	.7	.7							4.0	6.8
NNE	.7	1.3	.3								2.3	4.3
NE	.3	1.0	2.6	.3							4.3	7.4
ENE	1.3	.7	.7	.3							3.0	5.1
E	.7	1.3	1.0	.3							3.3	6.0
ESE	.7	1.7	2.0	.7							5.0	7.1
SE	1.3	3.3	3.3	3.6	.7						12.2	8.6
SSE	1.0	5.0	3.3	3.3							12.5	7.7
S	1.0	3.3	2.0	.3							6.6	6.0
SSW	.7	.3	2.6	1.0							4.6	8.4
SW	.3	2.0	1.7	.3							4.3	7.2
WSW	1.3	2.3	1.0	2.0	.3						6.9	8.1
W	.3	3.0	1.3	2.6							7.3	8.3
WNW	.3	2.0	2.3	.3							5.0	7.2
NW	.3	.7	1.7								2.6	7.0
NNW	1.3	1.0	.7								3.0	4.4
VARIABLE												
CALM	////////////////////										13.2	////
TOTALS	12.2	30.7	27.1	15.8	1.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.0	.7	.5							2.7	7.3
NNE	.5	1.6	.6	.2							2.8	5.5
NE	.3	1.3	1.2	.2							3.0	6.6
ENE	.7	1.4	1.1	.4							3.6	6.1
E	.7	1.2	.7	.3							2.9	5.8
ESE	.7	2.5	1.3	.9	.0						5.4	6.8
SE	.9	3.3	3.3	3.4	.3						11.2	8.5
SSE	.9	3.1	2.7	2.6	.0						9.3	8.1
S	1.2	3.0	2.2	1.3	.0						7.8	6.8
SSW	.8	1.9	1.2	.7							4.6	6.7
SW	.2	1.9	1.7	.6	.1						4.6	7.7
WSW	.8	2.4	1.5	1.6	.1						6.4	7.9
W	.6	2.8	2.3	2.0	.1						7.8	8.0
WNW	.6	1.9	1.7	.9	.1						5.2	7.5
NW	.3	1.0	1.0	.9							3.2	8.1
NNW	.5	1.0	.6	.2							2.3	5.9
VARIABLE												
CALM	////////////////////										17.2	////
TOTALS	10.2	31.3	23.8	16.7	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	2.1	1.4	1.0								4.8	7.6
NNE		3.8	1.0	.7								5.5	6.8
NE		.3	1.4									1.7	8.4
ENE	1.0	1.0	1.0	1.4								4.5	7.4
E	.7	1.0	1.4	.7								3.8	6.9
ESE	.3	1.4	.7									2.4	5.1
SE	.7	2.4	3.1	1.4								7.5	7.6
SSE		2.1	.7	1.0	.7							4.5	9.1
S	.7	3.1	2.7	1.4								7.9	7.9
SSW	1.0	3.1	.3	.7	.3							5.5	6.4
SW	.3	1.7	1.0	.3								3.4	6.4
WSW	.7	2.1	1.0	1.4								5.1	7.9
W	.7	5.8	2.1	.7								9.2	6.2
WNW	.7	1.7	.7	.3								3.4	5.6
NW	.3	.3	1.4	.3	.3							2.7	9.1
NNW	.3	2.4	.7	.3								3.8	6.2
VARIABLE													
CALM	////////////////////											24.3	////
TOTALS	7.9	34.2	20.5	11.6	1.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	3.0		.7								4.6	5.1
NNE	1.0	3.6	1.0									5.6	5.4
NE	.3	.3	1.0	.3								2.0	7.7
ENE		2.6	1.0	1.0								4.6	7.4
E	.3	2.0	.7									3.0	5.1
ESE	1.3	1.0		.7								3.0	5.3
SE	1.0	2.3	1.3	.7								5.3	6.5
SSE		1.3	1.0	.7	.3							3.3	9.3
S	2.0	1.7	1.7	1.7								7.0	6.5
SSW	1.0	1.7	1.3	.3								4.3	5.7
SW	1.0	1.3	1.3	.7								4.3	6.3
WSW	.7	2.3	1.0	1.3								5.3	6.8
W	1.0	4.3	2.3	1.0								8.6	6.5
WNW	.3	.7	1.3	.7	.3							3.3	9.3
NW	.7	.3	1.0	.7								2.6	7.8
NNW	.7	1.0	1.0									2.6	5.5
VARIABLE													
CALM	////////////////////											30.5	////
TOTALS	12.3	29.5	16.9	10.3	.7							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	1.3	1.7								4.4	5.7
NNE	1.0	2.0	1.3	.3							4.7	5.7
NE		1.3	1.0								2.4	5.7
ENE	.3	1.0	1.3	1.3							4.0	6.5
E	.3	2.0	.7	.3							3.4	6.0
ESE	.7	1.7	1.0								3.4	5.2
SE	1.0	3.7	.7	1.3							6.7	6.5
SSE	.7	1.3	.7	1.0							3.7	7.0
S	1.3	2.0	1.7	1.3							6.4	7.2
SSW	1.0	2.0	1.0								4.0	4.8
SW	.7	.7	1.7	.3							3.4	7.0
WSW	1.0	2.0	2.0	1.3							6.4	7.6
W	1.3	2.7	4.7	.3							9.1	7.0
WNW	.3	1.7	.7	.3	.3						3.4	7.5
NW		1.3	1.3	.3							3.0	7.1
NNW	.7	1.0	1.0	.3							3.0	6.7
VARIABLE												
CALM	////////////////////										28.6	////
TOTALS	11.8	27.9	22.6	8.8	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.1	1.4	.7							4.5	7.1
NNE	.3	2.7	1.0	1.4							5.5	7.1
NE		.7	.7	.3							1.7	7.2
NNE	.7	1.4	1.7	1.0							4.8	7.6
E		2.4	1.7	.3							4.5	6.9
ESE		2.7	.7	1.0							4.5	7.4
SE		3.8	1.7	1.0							6.5	6.9
SSE	1.0	.7	1.0	.3							3.1	6.4
S	2.1	2.1	1.7	2.4							8.2	7.2
SSW		1.0	1.0	.7							2.7	8.0
SW	.3	2.7	2.4	.7							6.2	6.9
WSW	1.4	3.4	2.4	.3							7.5	6.1
W	.3	3.4	1.4	3.8							8.9	8.8
WNW	.3	3.1	.3	1.7		.3					5.8	8.8
NW	.3	2.7	.3	1.0							4.5	6.6
NNW		2.4	.7	.7							3.8	6.9
VARIABLE												
CALM	////////////////////										17.5	////
TOTALS	7.2	37.3	20.2	17.5		.3					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.0	1.7	1.0							5.1	7.6
NNE		2.4	.7	1.4							4.4	7.8
NE		2.0	1.0	2.0							5.1	8.5
ENE	1.0	1.7	1.0	1.4							5.1	7.3
E	.3		1.7	.3							2.4	9.1
ESE	.7	2.0	1.7	.3							4.8	6.6
SE		2.7	2.0	2.4							7.1	8.7
SSE	.7	1.7	.3	1.7							4.4	8.5
S	.7	2.4	1.7	1.7	.3						6.8	8.2
SSW	.3	1.0	1.7	.7	.7						4.4	9.9
SW	.3	.7	2.7	2.7							6.5	9.6
WSW	.7	3.1	1.7	2.7							8.2	8.4
W		2.7	1.7	3.7	.7						8.8	10.2
WNW	.3	4.1	2.0	1.7	.7						8.8	8.2
NW	.3	2.0	1.4	.7	.3						4.8	7.5
NNW	.3	2.4	1.0	.7							4.4	6.9
VARIABLE												
CALM	////////////////////										8.8	////
TOTALS	6.1	33.0	24.1	25.2	2.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	1.7	3.1								6.8	9.6
NNE	.3	2.4	.3	1.0								4.1	7.0
NE	.7	1.0	1.4	1.4								4.4	8.0
ENE		1.7	.7	1.7	.3							4.4	9.0
E		.7	1.0	.7	.3							2.7	9.4
ESE	.7	1.4	3.7	.7								6.5	7.5
SE			2.0	1.4								3.4	10.4
SSE		1.4	1.4	1.0	.3							4.1	9.4
S		1.7	1.4	2.0	.7	.3						6.1	11.2
SSW		1.4	1.7	2.0								5.1	9.7
SW	.3	1.4	1.7	2.0	.3							5.8	9.4
WSW	.7	2.7	1.7	2.7								7.8	8.6
W	.3	3.7	4.1	3.7	1.4							13.3	10.1
WNW	.7	1.4	1.7	3.7		.3						7.8	10.9
NW		1.0	.3	1.0	.3							2.7	10.9
NNW	.3	2.7	2.0	1.4								6.5	7.6
VARIABLE													
CALM	////////////////////											8.5	////
TOTALS	4.1	26.5	26.9	29.6	3.7	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.8	1.7	2.1								7.2	7.5
NNE	1.0	2.4	2.8	.7								6.9	6.6
NE		1.0	.3	1.4								2.8	9.8
ENE		1.0	2.4	1.7	.3							5.5	10.4
E	.7	.7	1.7									3.1	6.4
ESE	.7	2.8	1.0	.3								4.8	6.6
SE	.7	1.0	1.7	2.4								5.9	8.9
SSE	.3	.7	1.0	1.0	1.0							4.1	10.8
S	.7	3.1	1.0	1.7	.7							7.2	8.6
SSW	.3	1.0	1.0	2.8								5.2	10.0
SW		2.4	.3	2.1								4.8	8.7
WSW	.3	1.7	2.4	1.7	.3							6.6	9.4
W		3.4	3.8	3.1	.3							10.7	8.9
WNW	.7	3.1	2.4	2.4	1.0							9.7	9.5
NW		1.0	1.4	2.1								4.5	9.8
NNW	.3	1.7	.7	.7								3.4	7.2
VARIABLE													
CALM	////////////////////											7.6	////
TOTALS	6.6	30.0	25.9	26.2	3.8							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 75-87
MONTH: APR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	4.4	1.4	1.0							7.8	6.4
NNE	.7	2.4	2.7	.3							6.1	6.5
NE		1.7	1.0	.7							3.4	8.0
ENE	.3	.7	1.7	1.7							4.4	9.1
E	.7	1.4	.7	.3							3.1	6.0
ESE		1.0	.7	.7							2.4	8.0
SE	.7	3.1	1.7	1.0							6.4	6.7
SSE		2.0	.7	1.4							4.1	8.5
S	1.4	2.0	1.7	1.0	.3						6.4	7.1
SSW	.7	3.4	.3	1.0							5.4	6.1
SW	.3	1.7	1.0	1.0							4.1	8.0
WSW	.3	1.4	1.0	.7							3.4	7.8
W	1.4	3.4	2.7	1.4							8.8	7.2
WNW	1.0	3.1	1.7	1.0							6.8	6.8
NW	.3	1.0	.3	.7							2.4	8.1
NNW	.7	1.7	.7	.3							3.4	5.4
VARIABLE												
CALM	////////////////////										21.7	////
TOTALS	9.5	34.2	20.0	14.2	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.5	1.4	1.2							5.6	7.3
NNE	.6	2.7	1.4	.7							5.3	6.6
NE	.1	1.1	1.0	.8							2.9	8.0
NNE	.4	1.4	1.4	1.4	.1						4.7	8.4
E	.4	1.3	1.2	.3	.0						3.2	6.9
ESE	.6	1.7	1.2	.5							3.9	6.6
SE	.5	2.4	1.8	1.4							6.1	7.6
SSE	.3	1.4	.8	1.0	.3						3.9	8.8
S	1.1	2.2	1.7	1.7	.3	.0					7.0	8.0
SSW	.6	1.8	1.1	1.0	.1						4.6	7.6
SW	.4	1.6	1.5	1.2	.0						4.8	8.0
WSW	.7	2.3	1.7	1.5	.0						6.3	7.8
W	.6	3.7	2.8	2.2	.3						9.7	8.2
WNW	.6	2.3	1.4	1.5	.3	.1					6.1	8.6
NW	.3	1.2	.9	.8	.1						3.4	8.4
NNW	.4	1.9	1.0	.6							3.9	6.7
VARIABLE												
CALM	////////////////////										18.5	////
TOTALS	8.2	31.6	22.1	17.9	1.6	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.6	1.3	.7							3.9	7.2
NNE	.3	4.2	1.3	1.0							6.9	6.2
NE		2.6	2.0	1.0							5.6	7.8
ENE		2.6	1.6	2.3							6.5	8.7
E	1.0	3.6	2.3	.7							7.5	6.2
ESE	.7	.7		.7							2.0	6.3
SE	1.3	2.6		1.0							4.9	5.6
SSE	.3	2.9	1.3	1.0	.3						5.9	7.5
S	1.6	1.6	1.0	.3							4.6	5.1
SSW	.7	2.3									2.9	4.7
SW	1.3	1.3	1.3								3.9	5.2
WSW	.3	1.0	.7	1.3							3.3	8.6
W	1.6	2.6	1.6	1.3							7.2	6.4
WNW	1.0	1.6	1.0	.3							3.9	5.8
NW		1.0	.3	.3							1.6	7.2
NNW	1.0	1.0	.3	.3							2.6	5.6
VARIABLE												
CALM	////////////////////										26.8	////
TOTALS	11.4	33.3	16.0	12.1	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.9	.6	.3							3.2	6.2
NNE	1.3	1.6	1.6								4.5	5.7
NE		3.2	3.5	1.3							8.0	7.7
ENE	1.3	1.6	2.2	.6							5.8	6.6
E	1.0	2.9	1.6	.3							5.8	6.0
ESE	1.0	1.6	1.0								3.5	5.5
SE	1.6	2.2		.6							4.5	5.3
SSE	.6	1.9	1.0	1.0	.3						4.8	7.7
S	1.3	1.9	.6	.3							4.2	5.2
SSW		1.6	.3								1.9	5.3
SW	1.0	1.9	1.6								4.5	5.9
WSW	1.6	1.6	1.3	.6							5.1	5.9
W	.6	1.9	.6	1.3	.3						4.8	7.9
WNW	.6	2.2	.3	.3							3.5	5.5
NW		.6	.3	.3							1.3	7.0
NNW	.3	1.9	.3	.3							2.9	6.2
VARIABLE												
CALM	////////////////////										31.9	////
TOTALS	12.5	30.7	16.9	7.3	.6						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 313

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		3.3	1.6	.3								5.2	6.5
NNE	2.0	2.0	1.6	.3								5.9	5.6
NE	.3	1.3	2.0	.7								4.2	7.5
ENE	.3	3.3	2.3	1.6								7.5	7.7
E	.3	2.6	2.0	.3								5.2	6.8
ESE	.3	2.6	1.3									4.2	5.7
SE	1.0	1.0		.3								2.3	5.1
SSE	.3	1.3	1.0	.7								3.3	7.8
S	1.3	1.6	.7	.7								4.2	6.0
SSW	1.3	1.3	1.0	.3								3.9	5.1
SW	.3	1.3	.3	.3								2.3	5.7
WSW	1.6	1.6	2.0	.3								5.5	5.5
W	.7	2.3	2.6	2.0								7.5	7.8
WNW	.7	1.3	.7	.3								2.9	5.8
NW	.3	.3	.3									1.0	4.7
NNW		1.6	.3	.7								2.6	6.5
VARIABLE													
CALM	////////////////////											32.2	////
TOTALS	10.7	28.7	19.5	8.8								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL #	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.0	1.0	1.3	.3							5.2	8.1
NNE	1.3	2.3	.3	1.0								4.9	5.9
NE		2.6	2.3	1.6	.3							6.9	8.6
ENE		2.9	2.9	.3								6.2	7.2
E	.7	2.0	2.3	1.0								5.9	7.3
ESE	.7	2.9	1.6									5.2	5.5
SE	1.0	3.3	2.6	.3								7.2	6.4
SSE	1.3	1.6	1.0	.7								4.6	6.3
S	1.3	2.3	.7	.7								4.9	5.9
SSW	1.0	1.6	.3	.3								3.3	5.2
SW	.3	2.0	1.0	.3								3.6	6.7
WSW	.3	3.9	2.3	1.0	.3	.3						8.2	7.9
W	1.0	2.6	1.0	2.3								6.9	7.9
WNW	1.0	3.3	1.0	.7								5.9	6.0
NW		1.0	.7	.3								2.0	7.3
NNW	.7	2.6	1.0									4.2	5.8
VARIABLE													
CALM	////////////////////											15.0	////
TOTALS	11.1	38.9	21.9	11.8	1.0	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	2.3	1.6							5.9	8.2
NNE	.7	3.0	1.0	.7							5.3	6.5
NE		.3	2.0	2.0							4.3	10.2
ENE		2.3	2.3	2.0							6.6	8.8
E		2.0	1.6	2.0							5.6	8.8
ESE	.3	3.0	1.6	.7							5.6	6.7
SE		3.0	2.6	2.6							8.2	8.9
SSE	.7	3.9	1.6	1.3							7.6	6.8
S	1.3	1.0	1.3	.7	.3						4.6	7.1
SSW		2.0	.7	.7							3.3	7.2
SW		1.3	.3	2.3							3.9	10.3
WSW	1.0	3.3	2.3	2.0							8.6	7.3
W	1.0	.7	2.3	3.3	.3						7.6	9.9
WNW	.3	5.3	1.0	2.6							9.2	7.7
NW	.3	1.3	.3	.3							2.3	6.0
NNW	1.3	1.3	2.3	.3							5.3	6.5
VARIABLE												
CALM	////////////////////										6.2	////
TOTALS	7.9	34.5	25.7	25.0	.7						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.0	2.3	1.6							6.2	8.5
NNE	.7	2.0	.7	1.3							4.6	7.1
NE		2.3	1.0	1.6							4.9	8.1
ENE	.3	1.6	3.0	1.0							5.9	7.9
E	.3	1.6	1.3	1.6							4.9	8.5
ESE	1.0	1.3	2.0	.7							4.9	7.3
SE	.3	1.3	2.3	3.6							7.6	9.7
SSE	.7	1.6	1.3	1.3							4.9	7.5
S		4.3	1.0	1.3							6.6	7.0
SSW	.7	3.3	1.0	3.0							7.9	8.3
SW		.7	1.0	2.6							4.3	10.9
WSW	.3	2.3	1.3	2.0	.3						6.2	9.3
W	.7	2.6	2.3	3.3	.3						9.2	9.2
WNW	.7	2.6	2.0	3.6	.3						9.2	8.9
NW	.7	2.0	1.0	.7							4.3	6.3
NNW	.7	1.0	1.6	.7							3.9	7.3
VARIABLE												
CALM	////////////////////											4.3
TOTALS	7.2	32.6	25.0	29.9	1.0						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-8T
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.0	3.0	2.0							7.0	8.8
NNE	.7	2.3	.7	1.0							4.7	6.9
NE		2.7	1.7	1.3							5.7	7.8
ENE		1.0	2.0	1.3							4.4	9.2
E	1.0	1.7	1.7	1.3							5.7	7.8
ESE	2.0	1.3	1.7	1.3							6.4	6.7
SE		2.3	1.0	2.0	.3						5.7	9.0
SSE	.7	1.7	1.7	.3	.3						4.7	7.2
S	.7	2.3	1.7	2.0							6.7	7.5
SSW	.3	2.0	1.0	1.3							4.7	8.0
SW		1.3	.7	1.7							3.7	9.1
WSW	.7	2.0	2.0	3.7	.7						9.1	9.6
W		3.0	2.3	4.4							9.7	9.7
WNW	.7	3.7	2.7	1.0							9.1	6.8
NW	.3	1.7	.7	1.0							3.7	7.3
NNW	.7	2.0	1.0	1.0							4.7	6.5
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	7.7	33.2	25.5	26.8	1.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	2.9	.7	1.0								5.6	6.1
NNE	.3	3.9	1.0	1.3								6.5	6.9
NE		1.6	2.0	.7								4.2	8.2
ENE	.3	1.6	3.6	.7								6.2	7.7
E	1.3	2.0	2.6									5.9	6.1
ESE	.3	1.6	.7	.3								2.9	6.2
SE	1.3	2.0	1.0	1.3								5.6	6.6
SSE	1.3	3.3	1.3	.7	.3							6.9	6.5
S	.7	2.6	2.6	.3								6.2	6.6
SSW	1.3	1.0	.7	.7								3.6	6.0
SW	1.0	1.6	.7									3.3	4.6
WSW	.7	2.6	1.6	2.0								6.9	8.0
W	1.3	2.6	2.9	.7								7.5	6.6
WNW	1.0	3.6	1.0	.3								5.9	5.7
NW	.7	1.3	.3									2.3	4.9
NNW	.3	2.6	1.0									3.9	5.0
VARIABLE													
CALM	////////////////////											16.7	////
TOTALS	12.7	36.9	23.5	9.8	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7P-87
MONTH: MAY HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	2.1	1.6	1.1	.0							5.3	7.6
NNE	.9	2.7	1.0	.8								5.4	6.3
NE	.0	2.1	2.0	1.3	.0							5.5	6.2
NNE	.3	2.1	2.5	1.2								6.1	7.5
E	.7	2.3	1.9	.9								5.8	7.1
ESE	.8	1.9	1.2	.5								4.3	6.3
SE	.8	2.2	1.2	1.5	.0							5.7	7.5
SSE	.7	2.3	1.3	.9	.2							5.3	7.1
S	1.0	2.2	1.2	.8	.0							5.2	6.4
SSW	.7	1.9	.6	.8								3.9	6.6
SW	.5	1.4	.9	.9								3.7	7.4
WSW	.8	2.3	1.7	1.6	.2	.0						6.6	7.5
W	.9	2.3	2.0	2.3	.1							7.5	8.3
WNW	.7	2.9	1.2	1.1	.0							6.1	6.5
NW	.3	1.1	.5	.4								2.3	6.4
NNW	.6	1.8	1.0	.4								3.8	6.3
VARIABLE													
CALM	////////////////////											17.4	////
TOTALS	10.2	33.6	21.7	16.4	.7	.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 2444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.7	1.0	.3							5.4	5.4
NNE	1.0	3.0	1.4	.7							6.1	6.2
NE	.3	3.0	.3								3.7	4.7
ENE	.7	.7		1.4							2.7	7.8
E	1.7	1.0	.7								3.4	4.2
ESE	1.0	1.0	1.0								3.0	4.7
SE	1.7	1.7	1.0	.3							4.7	5.3
SSE	1.4	.3									1.7	2.4
S	1.0	1.4		.3							2.7	4.8
SSW	.3	1.4		.3							2.0	5.7
SW	.3	2.7	2.4	.3							5.7	6.5
WSW	1.0	2.7	2.4	.3							6.4	6.7
W	.7	4.7	2.0	1.0	.3						8.8	6.7
WNW	.7	2.7	3.0	.3	.3						7.1	7.4
NW	.3	1.4	.7	.7							3.0	6.9
NNW	1.0	1.7	1.4	.3							4.4	6.0
VARIABLE												
CALM	////////////////////										29.1	////
TOTALS	14.5	32.1	17.2	6.4	.7						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 74-87
MONTH: JUN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	.3	.3							2.7	5.3
NNE	.7	2.7	1.7	.7	.3						6.1	7.4
NE	.3	1.7	1.4								3.4	5.8
ENE	1.0	1.4	.3	.7							3.4	5.8
E	2.0	1.4	.3	.3							4.1	4.5
ESE	.7	.3	1.0								2.0	5.3
SE	.7	1.0	1.4	.3							3.4	6.6
SSE	.3	1.0									1.4	4.0
S	.7	2.7									3.4	4.2
SSW	.7	1.7		.7							3.0	6.0
SW	.3	1.4	1.4								3.0	5.8
WSW	.7	1.7	2.4								4.7	6.3
W	2.7	3.4	2.7	.7	.3						9.8	6.1
WNW		3.4	3.0	.7							7.1	7.7
NW	.3	.7	.3	.3							1.7	6.4
NNW		2.0	.7								2.7	6.0
VARIABLE												
CALM	////////////////////										38.2	////
TOTALS	12.2	27.4	16.9	4.7	.7						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7th-87
MONTH: JUN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.7		2.1								5.9	6.7
NNE	2.1	2.4	.7		.3							5.5	5.2
NE		1.7	1.4									3.1	6.2
ENE	1.4	.7	1.4	.7								4.1	6.5
E	.7	.7	1.7	.3								3.4	6.6
ESE	1.0	2.1	.7	.7								4.5	6.8
SE	1.4	1.0	.7									3.1	4.7
SSE	1.0	1.4										2.4	3.7
S	.3	.3	.7	.3								1.7	8.4
SSW	.7	1.4	.3									2.4	4.2
SW	.3	1.7	.3									2.4	5.1
WSW	.7	2.8	1.7	.7								5.9	6.8
W	1.7	5.2	3.4	2.4								12.8	6.8
WNW	.7	2.4	1.7	.7								5.5	6.8
NW		2.1	1.0	.3								3.4	7.4
NNW	.7	1.7	.7									3.1	5.2
VARIABLE													
CALM	////////////////////											30.7	////
TOTALS	14.8	29.3	16.6	8.3	.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 74-87
MONTH: JUN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	2.0	1.4	1.7	.3						7.4	7.4
NNE	.7	1.4	.3								2.4	4.6
NE	.7	1.7	1.0	.3							3.7	6.7
NNE	1.0	1.4	.7	.7							3.7	6.5
E	1.0	2.0	.3	.7							4.1	6.0
ESE	1.4	1.4	1.0	.7							4.4	5.8
SE	.3	1.4		.3							2.0	5.2
SSE	1.0	2.7	.7	.7							5.1	6.0
S	1.7	2.7	.7	.3							5.4	4.6
SSW	1.4	1.4	1.0	.7							4.4	6.2
SW	.7	1.0	1.4	.7							3.7	7.5
WSW	1.7	3.7	.7	2.0							8.1	6.3
W	1.4	5.1	2.4	3.0	.3						12.2	7.9
WNW	.7	1.0	3.4	1.7							6.8	8.2
NW	.7	2.0	1.7	1.0							5.4	7.3
NNW	.7	4.1	1.0	.7							6.4	6.1
VARIABLE												
CALM	////////////////////										14.9	////
TOTALS	16.9	34.8	17.6	15.2	.3	.3					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7	1.3	3.7							6.3	9.8
NNE	.7	1.3	.7	1.0							3.7	6.9
NE		.7		.7							1.3	9.5
ENE	1.7	1.3	2.7	.3							6.0	6.0
E	1.7	1.3	1.3	.7							5.0	5.9
ESE	1.7	1.7	1.0	.3							4.7	5.4
SE	.7	.3	.3	1.3							2.7	9.0
SSE		1.7	.3	.3							2.3	6.6
S	1.0	4.0	1.0	.7							6.7	5.6
SSW	1.0	1.7	2.3	.7	.3						6.0	7.1
SW	.7	.7	1.0	1.0							3.3	7.8
WSW	1.0	4.0	1.0	2.3	.3						8.7	7.8
W	.7	3.0	3.7	5.0	1.0						13.3	9.8
WNW	1.0	2.7	2.3	2.7		.3					9.0	8.6
NW	.3	2.0	1.3	2.3							6.0	8.1
NNW	1.0	3.0	1.7	1.3							7.0	7.2
VARIABLE												
CALM	////////////////////										8.0	////
TOTALS	13.7	30.0	22.0	24.3	1.7	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	2.0	2.0	3.1							8.8	8.2
NNE	1.4	2.4	1.7	.7							6.1	6.1
NE	.3	.3	1.7	.3							2.7	8.0
NNE	.3	2.4	.3	.3	.3						3.7	7.4
E	.7	2.7	.7	.3							4.4	6.0
ESE	.7	2.4	.7								3.7	4.9
SE		.7	1.4	.3							2.4	8.0
SSE	.3	2.7	.3	.7							4.1	6.2
S		2.0	2.7	.7	.7						6.1	8.6
SSW	.7	.3	1.4	.3							2.7	7.5
SW		2.7	1.0	1.0	.3						5.1	8.2
WSW	2.0	3.4	.7	1.7							7.8	6.4
W	.3	2.7	4.1	5.4	.3	.3					13.3	10.2
WNW	.7	2.0	2.4	4.8	.7						10.5	10.3
NW	.7	2.0	1.4	2.0							6.1	8.2
NNW	.7	.7	2.0	2.4							5.8	8.5
VARIABLE	.3										.3	2.0
CALM	////////////////////////////////////										6.1	////
TOTALS	10.9	31.6	24.5	24.1	2.4	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.7	1.7	2.0							8.8	6.7
NNE		1.3	2.0	1.7	.3						5.4	9.8
NE	1.0	2.4	.3								3.7	4.0
ENE	.7	1.3	.3	1.0							3.4	6.4
E	1.3	2.4		1.3							5.1	6.5
ESE	1.3	1.0	.3	.3							3.0	5.1
SE	.7	1.0	1.3	.3							3.4	7.2
SSE		2.7	.7	.3							3.7	6.4
S	1.3	1.3	1.3	.3	.3						4.7	6.4
SSW	.3	1.0	1.7	.3							3.4	7.0
SW		3.4	.7	1.0	.3						5.4	8.1
WSW	1.0	1.7	2.0	3.7	.3						8.8	9.8
W	.3	2.0	2.7	5.4							10.4	10.1
WNW	.7	2.7	2.4	2.7							8.4	8.2
NW	.7	2.7	2.4	2.0							7.7	8.0
NNW	.3	2.7	1.7	2.4							7.1	8.0
VARIABLE												
CALM	////////////////////										7.7	////
TOTALS	11.1	33.3	21.5	24.9	1.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.0	.7	1.4							5.1	6.8
NNE	1.4	3.4	1.4	1.4							7.4	6.5
NE	.3	2.0	.7	.7							3.7	6.5
ENE		.7	1.4	.3							2.4	8.3
E	1.4	1.7	.7								3.7	4.4
ESE		1.4	1.0			.3					2.7	8.6
SE	.7	2.0	.3	.7							3.7	6.4
SSE	1.0	.7	.3	.3							2.4	4.9
S	2.0	1.4	.3	.3							4.1	4.3
SSW	1.0	1.4	.3	.3							3.0	4.7
SW		1.7	2.0	1.0	.3						5.1	8.7
WSW		3.4	2.4	1.0							6.8	7.2
W	1.4	3.7	3.7	.7							9.5	6.9
WNW	1.0	3.7	3.0	.7	.3						8.8	7.4
NW	1.0	.7	2.4	1.0							5.1	7.9
NNW	.7	3.4	2.4	.3							6.8	6.3
VARIABLE												
CALM	////////////////////										19.9	////
TOTALS	12.8	33.1	23.0	10.1	.7	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.0	1.1	1.8	.0						6.3	7.1
NNE	1.0	2.2	1.2	.8	.1						5.3	6.7
NE	.4	1.7	.8	.3							3.2	6.1
ENE	.8	1.2	.9	.7	.0						3.7	6.7
E	1.3	1.6	.7	.5							4.1	5.6
ESE	1.0	1.4	.8	.3		.0					3.5	5.8
SE	.8	1.1	.8	.5							3.2	6.5
SSE	.6	1.6	.3	.3							2.9	5.4
S	1.0	2.0	.8	.4	.1						4.4	5.9
SSW	.8	1.3	.9	.4	.0						3.4	6.2
SW	.3	1.9	1.3	.6	.1						4.2	7.4
WSW	1.0	2.9	1.6	1.5	.1						7.1	7.3
W	1.1	3.7	3.1	3.0	.3	.1					11.2	8.2
WNW	.7	2.6	2.7	1.8	.2	.0					7.9	8.2
NW	.5	1.7	1.4	1.2							4.8	7.8
NNW	.6	2.4	1.4	.9							5.4	6.9
VARIABLE	.0										.0	2.0
CALM	////////////////////////////////////										19.3	////
TOTALS	13.4	31.5	19.9	14.8	1.0	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 2365

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	2.3	.3								4.0	4.3
NNE	.7	2.7	1.3	.3							5.0	6.4
NE	.7	1.7	1.3								3.7	6.0
ENE		.7	1.3								2.0	7.3
E		1.7	.3								2.0	5.3
ESE	.3	.7	.3								1.3	6.0
SE	1.0	.7	.7	.3							2.7	6.3
SSE	.3	1.0		.3							1.7	6.8
S	.7	1.0	.3								2.0	4.3
SSW	1.3	1.0	.7	.3							3.4	5.4
SW	1.3	.3	.3								2.0	3.3
WSW	4.7	2.3	1.3	.3							8.7	4.3
W	4.7	5.4	1.3	1.3							12.8	5.1
WNW	2.3	4.7	2.3	.3							9.7	5.4
NW	.3	2.7	.7	.3							4.0	5.8
NNW	.3	.7									1.0	3.3
VARIABLE												
CALM	////////////////////										33.9	////
TOTALS	20.1	29.5	12.8	3.7							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.9	1.3								3.5	5.8
NNE	.3	1.9	.3								2.6	5.0
NE		2.3	1.9	.3							4.5	6.9
ENE	.3	.6	.3	.6							1.9	8.0
E	.3	.6	.6								1.6	5.2
ESE	.3	1.0	.3								1.6	5.2
SE		1.3									1.3	6.0
SSE	.3		.3								.6	6.0
S	.3	1.3									1.6	4.8
SSW	.6	1.0	.3								1.9	5.0
SW	1.3	1.3	1.0								3.5	4.5
WSW	3.9	3.9		.3							8.1	3.5
W	3.5	2.3	1.6	1.3							8.7	5.7
WNW	1.3	6.1	2.3	.3							10.0	5.7
NW	.6	1.0	1.0								2.6	5.2
NNW		1.3	1.0								2.3	6.6
VARIABLE												
CALM	////////////////////										43.5	////
TOTALS	13.5	27.7	12.3	2.9							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 310

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.3	1.0									3.3	5.0
NNE	.7	1.6	1.3	.3								3.9	6.2
NE		1.3	1.6	.3								3.3	7.0
ENE		1.6	.3	.3								2.3	7.4
E	1.0	1.3	.3									2.6	4.8
ESE	.3	1.0	.7									2.0	5.7
SE		1.3	.3									1.6	6.0
SSE													
S	.7	.7	.3									1.6	4.0
SSW	.7	.7	.3									1.6	4.4
SW	2.6	.7	1.0									4.3	4.0
WSW	1.6	3.0	.3	1.0								5.9	5.6
W	3.6	4.6	1.3	1.0								10.5	5.2
WNW	1.6	5.2	1.6	.7								9.2	5.6
NW	2.6	2.6	.7									5.9	4.1
NNW	.3	.7	.7									1.6	5.6
VARIABLE													
CALM	////////////////////											40.3	////
TOTALS	16.7	27.5	11.8	3.6								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.0	2.0	.3								5.6	6.0
NNE	.3	3.0	.3	.3								4.0	5.2
NE	.3	.7	1.3	.7								3.0	4.2
ENE		1.3	1.7									3.0	4.2
E	.7	2.0	1.0									3.6	5.5
ESE	.3	1.0	1.3	.7								3.3	4.2
SE	.7	1.3	1.3									3.3	5.6
SSE	.3	1.0	.7	.3								2.3	6.6
S	1.3	1.7	.3									3.3	4.2
SSW	.7	2.3										3.0	4.0
SW	1.0	1.7	1.7		.3							4.6	6.4
WSW	2.0	5.3	1.0	.3								8.6	4.9
W	4.6	4.6	3.3	2.3								14.9	6.2
WNW	1.3	5.3	1.3	1.3								9.2	5.5
NW	.7	4.3	1.3									6.3	4.9
NNW	.7	2.3	1.0									4.0	5.2
VARIABLE													
CALM	////////////////////											14.2	////
TOTALS	16.2	39.6	19.5	6.3	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	4.2	1.6	.3							7.5	5.3
NNE		2.9	2.6	.7							6.2	7.6
NE		.7	2.0	.7							3.3	8.6
ENE		1.6	1.3								2.9	6.7
E	1.0	1.3	.3	1.6							4.2	7.2
ESE	.7	1.3	1.0	.3							3.3	6.0
SE		1.3	1.0	2.0							4.2	9.2
SSE	1.0	1.3	1.0	1.3							4.6	7.1
S	.7	2.9	1.0	1.0							5.5	6.6
SSW	.7	1.0	1.0	.3							2.9	6.4
SW	.3	2.6	1.0	.7	.3						4.9	6.9
WSW	.7	5.5	1.0	.7							7.8	5.7
W	2.0	5.9	3.9	5.9							17.6	8.4
WNW	1.0	3.3	2.3	1.0	.3						7.8	7.3
NW	.3	2.9	1.0	1.3							5.5	7.2
NNW	1.0	2.3	1.6	.3							5.2	5.9
VARIABLE												
CALM	////////////////////										6.5	////
TOTALS	10.9	41.0	23.5	17.9	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	2.3	1.3	1.3							6.2	6.5
NNE	.7	2.6	2.9	.3							6.5	7.0
NE	.7	.7	1.3	.7							3.3	7.2
ENE		.7	.7	.7							2.0	9.3
E	.7	.7	1.6	1.0							3.9	7.8
ESE	.7	1.0	.7	.7							2.9	6.4
SE	1.0	1.0		1.0							2.9	6.4
SSE	.3	2.6	.3	1.3	.3						4.9	7.5
S		2.0	1.3	2.0							5.2	9.0
SSW	1.0	3.3	1.0								5.2	4.8
SW	.3	1.3	1.3	1.3							4.2	6.0
WSW	2.0	5.2	1.3	1.6	.3						10.5	6.5
W	1.0	8.5	3.3	3.6	.3						16.7	7.4
WNW		2.6	2.3	2.9	.3						8.2	9.6
NW	.7	4.2	1.0	1.3							7.2	6.7
NNW	.3	2.6	1.0								3.9	5.5
VARIABLE												
CALM	////////////////////////////////////										6.2	////
TOTALS	10.5	41.2	21.2	19.6	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	2.9	1.0	.3							5.5	5.2
NNE	.3	2.3	1.6	1.0							5.2	7.1
NE		1.0	2.0	.7							3.6	8.2
ENE	.7	1.6	1.0	.7							3.9	6.5
E		1.0	1.0	.7							2.6	8.0
ESE	1.0	1.6									2.6	3.5
SE	.3	1.0	1.6	1.0	.3						4.2	8.8
SSE	.3	.7	.7	.7							2.3	8.0
S		2.0	1.3	1.6							4.9	8.7
SSW	.3	1.6	.3	.7							2.9	6.4
SW	.3	2.0	.7	.7							3.6	7.1
WSW	1.0	4.6	1.0	2.6							9.1	6.9
W	2.0	7.2	2.6	2.3							14.0	6.4
WNW	1.6	4.6	3.6	3.9							13.7	7.7
NW		3.9	1.3	1.3							6.5	7.8
NNW	2.3	2.0	1.0	.3							5.5	4.8
VARIABLE												
CALM	////////////////////										9.8	////
TOTALS	11.4	39.7	20.5	18.2	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	3.6	.3	.3								5.6	4.8
NNE	.7	1.3	1.6	.3	.3							4.2	7.8
NE	.3	2.6	1.6	.3								4.9	6.4
ENE	.3	1.3	1.0	.3								2.9	6.9
E		1.3	1.0	.3								2.6	7.3
ESE	1.6	1.0	.7	.3								3.6	4.5
SE		.7	1.0	.7	.3	.3						2.9	11.3
SSE	.3	1.3		.3								2.0	6.0
S	.7	1.6	.7	.3								3.3	6.2
SSW	1.6	2.0	.7									4.2	4.0
SW	2.0	1.0	1.3	.3	.3							4.9	5.9
WSW	2.9	1.6	.7	1.0								6.2	5.2
W	2.9	5.6	3.6	1.0								13.1	6.1
WNW	2.6	5.2	1.6	1.0	.3							10.8	5.8
NW	.3	2.3	1.6	.3								4.6	6.3
NNW	1.0	2.6	.3	.3								4.2	4.8
VARIABLE													
CALM	////////////////////											19.9	////
TOTALS	18.6	35.0	17.6	7.2	1.3	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.6	1.1	.3							5.2	5.4
NNE	.5	2.3	1.5	.4	.0						4.7	6.7
NE	.2	1.4	1.6	.5							3.7	7.2
ENE	.2	1.2	.9	.3							2.6	7.2
E	.5	1.2	.8	.5							2.9	6.6
ESE	.7	1.1	.6	.2							2.6	5.6
SE	.4	1.1	.7	.6	.1	.0					2.9	7.8
SSE	.4	1.0	.4	.5	.0						2.3	7.2
S	.5	1.6	.7	.6							3.4	6.7
SSW	.9	1.6	.5	.2							3.2	5.0
SW	1.1	1.4	1.0	.4	.1						4.0	6.0
WSW	2.3	3.9	.8	1.0	.0						8.1	5.4
W	3.0	5.5	2.6	2.3	.0						13.5	6.5
WNW	1.5	4.6	2.2	1.4	.1						9.8	6.6
NW	.7	3.0	1.1	.6							5.3	6.1
NNW	.7	1.8	.8	.1							3.5	5.1
VARIABLE												
CALM	////////////////////										22.3	////
TOTALS	14.7	35.2	17.4	10.0	.5	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 2442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.2		.2							2.7	5.0
NNE		2.3	.7								3.0	5.6
NE	.3	.7	.7								1.7	5.6
ENE	.3	1.0	.3	.3							2.3	6.7
E	1.7	2.3	.3								4.3	3.7
ESE	.3	1.0									1.3	4.5
SE	.3	.3	.7	.3							1.7	7.2
SSE	.3	1.0		.7							1.7	6.4
S	2.0	2.3		.3							4.6	4.1
SSW	2.0	.3		.7							3.0	4.9
SW		1.7	1.7	.7							4.0	7.7
WSW	4.0	1.7	2.0	1.7	.3						9.6	6.2
W	2.0	3.3	2.0	.7							7.9	6.0
WNW	1.3	3.0	1.3	.3							5.9	5.7
NW	.3	1.3	1.0								2.6	6.2
NNW	1.3	3.0	.3								4.6	4.4
VARIABLE												
CALM	////////////////////										40.3	////
TOTALS	16.5	26.4	10.9	5.6	.3						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.6	.6									2.9	5.2
NNE	.3	2.3	.3									2.9	4.2
NE	.6	.6	.6									1.9	5.2
ENE	.3	.3	.6	.3								1.6	7.2
E	1.0	1.0	.3									2.3	4.0
ESE	1.3	1.0	.3									2.6	3.8
SE	.6	1.0	.3	.6								2.6	6.3
SSE	.3		.6									1.0	6.7
S	1.3	1.3	.3									2.9	4.0
SSW	1.0	1.0	.3	.6								2.9	5.6
SW	1.0	.3	1.0	.6								2.9	7.3
WSW	2.9	2.3	1.9	.6								7.7	5.6
W	1.9	3.5	1.3	1.6								8.4	6.2
WNW	1.6	1.6	1.0	.3								4.5	4.7
NW	.3	1.0	.3									1.6	4.8
NNW	.6	1.9	1.6									4.2	6.2
VARIABLE													
CALM	////////////////////											47.3	////
TOTALS	15.8	20.6	11.6	4.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 311

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 74-87
MONTH: AUG HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	.7								3.3	5.2
NNE		1.3	.7								2.0	7.0
NE		1.6	.7	.3							2.6	6.8
ENE	1.3	.7	1.0								3.0	4.9
E	1.6	1.3		.7							3.6	4.7
ESE	.3	1.0									1.3	5.0
SE	.3	1.3									1.6	4.8
SSE	.7		.3	.3							1.3	6.0
S	2.6	.3	.3								3.3	3.0
SSW	1.6	1.3	.3								3.3	4.0
SW	1.6	1.3	.3	1.0							4.3	5.8
WSW	1.0	1.6	1.3	.7							4.6	6.6
W	2.3	6.2	2.0	1.6							12.2	5.9
WNW	1.3	2.3	1.0	.3							4.9	4.9
NW	.7	2.0	1.3								3.9	5.8
NNW	.7	1.3									2.0	4.3
VARIABLE												
CALM	////////////////////										42.8	////
TOTALS	16.8	25.7	9.9	4.9							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	1.3	.3	1.0							4.3	6.0
NNE	.3	1.6	1.0								3.0	6.0
NE		1.6	1.3								3.0	6.4
ENE	.3	2.0	1.0	.7							3.9	6.5
E	1.0	2.3	.3	.3							3.9	4.8
ESE	1.3	1.6	.7								3.6	4.2
SE	.3	1.0	.7	.7							2.6	7.3
SSE	.3	1.3	.3	.3							2.3	5.7
S	.7	.7	.3								1.6	4.8
SSW	2.3	2.6	.7	.3							5.9	4.6
SW	.7	2.3	1.3	1.0							5.3	7.1
WSW	2.6	3.3	1.3	.7	.3						8.2	5.6
W	2.0	4.6	3.6	2.6	.3						13.2	7.2
WNW	1.3	3.6	2.0	1.0							7.9	6.1
NW	2.3	2.6	.3								5.3	4.0
NNW	1.6	2.0	1.6								5.3	4.9
VARIABLE												
CALM	////////////////////										20.7	////
TOTALS	18.7	34.5	16.8	8.6	.7						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.3	1.6	1.0								4.6	7.6
NNE	1.0	.7	3.0	1.0								5.6	8.1
NE	.7	1.3	1.3	.7								3.9	6.8
ENE	.7	2.6	1.3	1.0								5.6	6.4
E	.3	1.3	1.3									3.0	6.4
ESE	1.6	1.6	.3									3.6	3.6
SE	.3	1.0	1.0	.7								3.0	8.0
SSE		.7	1.0	.7								2.3	9.3
S		1.6	2.6	.3								4.6	7.9
SSW	2.0	2.3	.7	.7								5.6	5.2
SW	.7	.3	1.6	1.6								4.3	8.9
WSW	1.0	5.3	3.0	2.6		.3						12.2	7.8
W	1.0	5.9	3.0	2.0	.3							12.2	7.4
WNW	.7	4.3	2.6	3.6								11.2	7.9
NW	.7	2.6	1.3	.7								5.3	6.1
NNW	.7	4.3	.7									5.6	4.9
VARIABLE													
CALM	////////////////////											7.6	////
TOTALS	11.8	37.2	26.3	16.4	.3	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.6	2.0	1.3							6.5	7.4
NNE		1.6	1.0	.3							2.9	6.7
NE	1.0	1.6	1.3	2.3							6.2	7.8
ENE	.2	1.3	.3	.3							2.3	6.0
E	1.6	2.3									3.9	3.8
ESE	1.3	.7	.3								2.3	3.4
SE		1.3	.7	.3							2.3	7.1
SSE		1.6	1.3	1.0							3.9	8.2
S		2.3	1.6	.7	.3						4.9	8.3
SSW	1.6	1.6	1.3	1.0							5.5	6.4
SW	1.0	1.0	1.0	2.3		.3					5.5	9.7
WSW	1.0	4.6	3.3	2.9	.3						12.1	7.9
W	1.3	5.5	2.9	3.3							13.0	7.6
WNW	.7	3.6	2.6	3.3							10.1	8.1
NW	1.0	2.9	1.6	1.0							6.5	6.8
NNW	1.3	1.0	2.3	.7							5.2	6.6
VARIABLE												
CALM	////////////////////										6.8	////
TOTALS	12.7	35.5	23.5	20.5	.7	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(UT): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	1.7	2.0	1.0								6.6	6.1
NNE		1.0	.7									1.7	6.0
NE		1.0	2.0	.7								3.7	8.2
ENE	.3	.3	.3	.3								1.3	7.0
E	.7	2.3	.3	.3								3.7	5.6
ESE	1.7	2.7		1.0								5.3	5.1
SE	.3		.7	.3								1.3	8.0
SSE		1.0	1.7	1.3								4.0	8.7
S	.3	1.0	1.0	1.3								3.7	8.7
SSW	.7	1.3	1.3	.3								3.7	6.4
SW	1.0	2.0	2.3	3.0	.3							8.6	8.7
WSW	1.3	3.3	1.7	1.3	.3							8.0	6.8
W	1.0	6.6	3.0	3.7	.3							14.6	7.4
WNW	1.7	4.7	2.3	2.3								11.0	6.5
NW	1.0	1.7	.7	.7								4.0	6.1
NNW	1.7	5.3	.7									7.6	4.7
VARIABLE													
CALM	////////////////////											11.3	////
TOTALS	13.6	35.9	20.6	17.6	1.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 7A-87
MONTH: AUG HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	.3	1.0									1.6	6.8
NNE		3.3	.7									3.9	5.7
NE		2.0	.7									2.6	6.0
ENE	.7	1.0	.3	.7								2.6	6.5
E	1.3	1.6	.3									3.3	4.0
ESE	1.3	.7										2.0	2.7
SE		1.6	1.0	1.0								3.6	8.0
SSE	.3	.7	.3	1.0								2.3	8.3
S	.7	3.0	.7	.3								4.6	5.7
SSW	1.0	2.3	.3	.3								3.9	5.0
SW	2.6	1.6	1.3	1.3								6.9	6.0
WSW	2.3	.7	.7	1.6								5.2	6.4
W	1.3	4.9	1.6	1.3								9.2	6.2
WNW	2.3	4.6	1.0									7.9	4.3
NW	.3	1.3	1.0	.3								3.0	6.0
NNW	.3	1.6	2.0									3.9	6.5
VARIABLE													
CALM	////////////////////											33.4	////
TOTALS	14.8	31.1	12.8	7.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.5	1.0	.6							4.0	6.4
NNE	.2	1.9	1.0	.2							3.1	6.3
NE	.3	1.3	1.1	.5							3.2	6.5
ENE	.5	1.1	.7	.5							2.8	6.3
E	1.1	1.9	.4	.2							3.5	4.6
ESE	1.1	1.3	.2	.1							2.7	4.1
SE	.3	.9	.6	.5							2.3	7.2
SSE	.2	.8	.7	.6							2.3	7.6
S	.9	1.6	.9	.4	.0						3.8	6.1
SSW	1.5	1.6	.6	.5							4.2	5.3
SW	1.1	1.3	1.3	1.4	.0	.0					5.2	7.7
WSW	2.0	2.8	1.9	1.5	.2	.0					8.4	6.8
W	1.6	5.1	2.4	2.1	.3						11.3	6.9
WNW	1.4	3.4	1.7	1.4							7.9	6.4
NW	.8	1.9	.9	.3							4.0	5.8
NNW	1.0	2.5	1.1	.1							4.8	5.3
VARIABLE												
CALM	////////////////////////////////////										26.3	////
TOTALS	15.1	30.8	16.5	10.8	.4	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 2439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.0	.3									2.1	5.0
NNE	.3	1.7	.7	.3								3.1	6.4
NE		1.0	1.0	.3								2.4	7.4
ENE	.7	1.7	.7	.3								3.5	5.6
E	.7	.3	1.0									2.1	6.0
ESE	.7	1.4										2.1	4.3
SE	1.0	1.0	1.0	.7	.3							4.2	7.9
SSE	.3	2.1	.7									3.1	5.2
S	.3	1.4	.3									2.1	5.3
SSW	.7	1.7	.3	1.0								3.8	7.1
SW	1.0	2.1	2.4	2.8								8.4	7.9
WSW	1.7	4.2	1.0	1.4								8.4	6.0
W	.3	5.6	2.8	2.4	.7							11.8	7.6
WNW	.7	4.5	3.5	1.7								10.5	7.5
NW	.3	.7	2.4	.3								3.8	8.5
NNW	.3	.7	.3	.3								1.7	6.0
VARIABLE													
CALM	////////////////////											26.8	////
TOTALS	10.1	31.4	18.8	11.8	1.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	1.3	.7	.3								3.7	5.2
NNE		1.0	.3	.3								1.7	7.2
NE		1.0	.3	.3								1.7	7.2
ENE		1.3		.3								1.7	6.8
E		1.7	.3	.7								2.7	7.2
ESE	1.7	1.0										2.7	3.0
SE	.7	1.0	.7	.7								3.0	7.1
SSE	.3	1.0	1.3	.3								3.0	7.6
S	1.0	1.3	1.3	.3								4.0	5.7
SSW	.7	1.7	1.7	.7								4.7	6.7
SW	1.0	2.0	1.7	2.3								7.0	8.1
WSW	1.3	4.7	.7	1.7								8.3	6.2
W	.7	5.3	2.7	2.0								10.7	7.3
WNW	.7	4.0	3.3	2.0			.3					10.3	8.2
NW	.3	1.0	1.0	.3								2.7	6.8
NNW		1.3	.3									1.7	5.6
VARIABLE													
CALM	////////////////////											30.7	////
TOTALS	9.7	30.7	16.3	12.3			.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	2.1	.3	.3								3.1	6.7
NNE	.3	.7										1.0	4.0
NE	.3	2.1	.3	.3								3.1	6.0
NNE	.7	.7		.7								2.1	6.0
E	1.7	.7		1.0								3.4	5.6
ESE	.3	1.7	.3									2.4	4.9
SE		2.4	1.0	.7								4.1	7.5
SSE		.3	.3	.3								1.0	8.7
S	.3	1.4	1.0	1.0								3.8	7.8
SSW	.7	2.4	1.7	.3								5.2	6.5
SW	.7	2.1	.7	2.4								5.8	8.0
WSW	1.7	3.4	1.0	1.7								7.9	6.7
W	1.0	6.2	3.8	3.1	.3							14.4	7.6
WNW	1.4	3.4	1.4	1.4								7.6	6.7
NW	.3	1.7	.7	.3								3.1	6.4
NNW	.3	1.7	.7									2.7	5.0
VARIABLE													
CALM	////////////////////											29.2	////
TOTALS	10.3	33.0	13.4	13.7	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	2.4		.3								3.1	5.3
NNE	.3	2.0	1.0	.3								3.7	6.4
NE		1.0	.7	.3								2.0	6.7
NNE	.3		1.0	.3								1.7	8.0
E	1.4	.7	.3	.7								3.1	5.3
ESE	.3	1.0										1.4	4.0
SE	1.0	2.0	.7	1.0								4.7	6.4
SSE	.7	1.0	.3	.3								2.4	5.7
S	1.0	2.0	1.0	.3								4.4	5.6
SSW	1.0	4.4	1.4	1.0								7.8	6.3
SW	1.0	2.0	.7	2.4								6.1	7.4
WSW	1.0	4.7	1.7	2.0								9.5	7.2
W	1.0	5.4	4.1	5.1	.7							16.3	8.9
WNW	1.4	5.1	3.7	1.0	.7							11.9	7.3
NW		.3	1.0	.7								2.0	9.3
NNW		1.7	.3									2.0	5.3
VARIABLE													
CALM	////////////////////											18.0	////
TOTALS	10.8	35.9	16.0	15.9	1.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.1	.7	1.1							3.5	7.2
NNE		2.1	1.8								3.9	6.7
NE	.4	1.1	1.4								2.8	6.5
ENE	.4		1.4								1.8	7.2
E	.4	.7	1.1								2.1	6.2
ESE	.7	3.2	.7								4.6	4.8
SE	.4	.7	1.1	.7	.4						3.2	9.0
SSE	.7	1.8	1.4	1.1	.4						5.3	7.5
S	.7	1.8	2.5	.4							5.3	7.1
SSW	.4	2.5	1.4	.7							4.9	6.6
SW		2.8	2.1	.7							5.6	7.5
WSW	1.4	4.9	2.1	3.2	.7						12.3	5.2
W		5.2	5.6	7.0	.7						18.7	9.8
WNW	.4	2.5	3.2	2.5	1.1						9.5	9.5
NW	.4	2.8	2.1	1.1							6.3	8.1
NNW	.7	2.8	.4	.7							4.6	6.2
VARIABLE				.4							.4	16.0
CALM	////////////////////////////////////										5.3	////
TOTALS	7.4	35.9	28.4	19.4	3.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 284

AD-A188 000

MOSCOM USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOCs) PARTS A-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. NOV 87

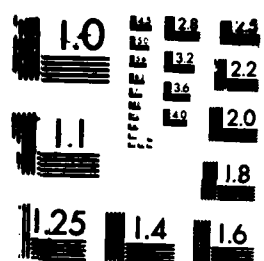
2/3

UNCLASSIFIED

USAFETAC/DS-87/075

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	3.1	1.4	1.4								6.1	7.1
NNE	.3	1.0	1.0									2.4	6.3
NE		1.0	1.4	.7								3.1	7.6
ENE		.3	1.4									1.7	7.6
E	.3	1.0	.7	.3								2.4	7.4
ESE	.3	1.4	1.0									2.7	5.8
SE	.3	1.4	.7	1.0		.3						3.7	9.4
SSE		2.7	.7	1.0								4.4	7.7
S	.3	2.0	1.7	.3								4.4	7.4
SSW		2.7	2.0	1.4								6.1	7.6
SW	.3	1.4		2.0	.3							4.1	9.6
WSW	.3	4.1	2.4	3.7								10.5	8.9
W	1.0	4.1	6.1	7.5	2.4							21.1	10.4
WNW		3.4	2.0	5.8	.7		.3					12.2	10.8
NW		1.7	2.4	1.0								5.1	8.3
NNW		2.0	1.7	.7								4.4	7.4
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	3.7	33.3	26.5	26.9	3.4	.3	.3					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.8	2.1	.4								6.7	5.4
NNE		1.1	.4	.7								2.1	8.7
NE	.4	.7	1.8	.7								3.5	8.2
ENE	.4	.4	.4									1.1	4.7
E	.4	2.1		.4								2.8	5.5
ESE	.7	1.1		.4								2.1	4.7
SE		1.1	.7	1.1	.4							3.2	9.7
SSE		4.3	1.1	.4								5.7	6.0
S		1.4	.7	.7								2.8	7.8
SSW	.4	1.8	2.1	.7								5.0	7.6
SW	.7	1.8	1.4	2.5		.4						6.7	9.0
WSW	1.1	2.5	1.8	2.5								7.8	7.7
W	3.2	5.3	4.3	6.7	.7							20.2	8.5
WNW		3.5	2.5	3.2	.4	.4						9.9	9.5
NW	.4	2.5	1.4	1.4								5.7	7.6
NNW		1.4	.7	.7								2.8	8.3
VARIABLE													
CALM	////////////////////////////////////											11.7	////
TOTALS	8.9	33.7	21.3	22.3	1.4	.7						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.3	.7	.3							3.3	6.0
NNE		1.0	1.7								2.7	8.0
NE		1.7	1.3								3.0	7.1
ENE	.3	1.3	.3								2.0	5.0
E	.3	2.0	.7	.3							3.3	6.0
ESE	.3	1.0	.7								2.0	5.7
SE	.3	1.3	1.0	1.0							3.7	7.8
SSE	.3	1.3	.7								2.3	5.4
S	2.0	2.0	.7								4.7	3.9
SSW		2.0	1.7	.7							4.3	7.7
SW	1.3	1.7	1.7	2.0							6.7	7.4
WSW	1.0	3.7	2.0	1.3							9.0	6.8
W	1.3	8.4	5.4	4.0	.3						19.4	7.6
WNW	.3	1.7	1.3	.7							4.0	6.8
NW	.3	1.0	1.3	1.3							4.0	8.7
NNW	.7	1.0	1.0	.3							3.0	6.0
VARIABLE												
CALM	////////////////////										23.4	////
TOTALS	8.7	33.4	22.1	12.0	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	2.0	.8	.5								3.9	6.1
NNE	.2	1.3	.9	.2								2.6	6.8
NE	.1	1.2	1.0	.3								2.7	7.1
ENE	.3	.7	.6	.2								1.9	6.2
E	.6	1.2	.5	.4								2.7	6.1
ESE	.6	1.5	.3	.0								2.5	4.7
SE	.5	1.4	.9	.9	.1	.0						3.7	8.0
SSE	.3	1.8	.8	.4	.0							3.4	6.7
S	.7	1.7	1.2	.4								3.9	6.2
SSW	.5	2.4	1.5	.8								5.2	7.0
SW	.8	2.0	1.3	2.1	.0	.0						6.3	8.1
WSW	1.2	4.0	1.6	2.2	.1							9.1	7.3
W	1.1	5.7	4.3	4.7	.7							16.6	8.6
WNW	.6	3.5	2.6	2.3	.3	.0	.1					9.5	8.5
NW	.3	1.5	1.5	.8								4.1	8.0
NNW	.3	1.6	.7	.3								2.9	6.4
VARIABLE				.0								.0	16.0
CALM	////////////////////											18.9	////
TOTALS	8.7	33.4	20.6	16.8	1.4	.1	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2332

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.3	2.0	2.0							4.3	10.8
NNE		.3	1.0								1.3	8.0
NE		1.3		.3							1.6	6.4
ENE		.7	.3								1.0	6.7
E	.7	.3	.7								1.6	5.2
ESE		1.3		.3							1.6	6.0
SE		1.3	1.3	1.3							3.9	9.3
SSE	.7	2.0	2.0	.3							4.9	6.7
S	1.6	2.0	3.0								6.6	6.2
SSW	.7	2.6	.7	1.6	.3						5.9	7.4
SW	.3	3.9	3.3	1.0							8.5	7.5
WSW	1.6	5.2	3.0	2.6	.3						12.8	7.4
W	.3	3.9	3.3	4.6	1.0	.3					13.4	10.0
WNW		4.6	2.0	1.6	.3						8.5	8.0
NW		1.3	.7	1.0							3.0	8.4
NNW	.7	1.6	1.3	1.6		.3					5.6	9.0
VARIABLE												
CALM	////////////////////										15.4	////
TOTALS	6.6	32.8	24.3	18.4	2.0	.7					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.6	.6	1.3							2.6	9.5
NNE		.6	.3	.3							1.3	8.5
NE		.6	.3	.3							1.3	8.5
ENE		.3									.3	6.0
E		1.3	.3								1.6	6.4
ESE	.6	.3									1.0	2.7
SE		3.2	1.3	1.3							5.8	7.4
SSE	.6	2.3	1.0	.6							4.5	6.2
S	1.0	1.0	1.3								3.2	5.4
SSW	.6	2.3	1.6	.6							5.1	6.8
SW	.3	3.2	2.6	1.6							7.7	7.9
WSW	1.3	4.8	3.9	2.6	.6						13.2	7.8
W	2.6	6.1	3.2	4.2	1.0						17.0	7.5
WNW		3.5	2.3	1.9							7.7	8.4
NW		1.0	1.0	.3	.3						2.6	8.9
NNW	.3	1.6	1.6	2.3	.3						6.1	9.8
VARIABLE												
CALM	////////////////////										19.0	////
TOTALS	7.4	32.8	21.2	17.4	2.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 311

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.3	1.0	1.0							3.7	8.2
NNE		.3	.3	.7							1.3	9.0
NE	.3	.7	.3	.7							2.0	7.7
ENE		.3		.3							.7	8.0
E		1.0									1.0	4.7
ESE	1.0	1.0									2.0	3.7
SE	.3	1.3	.7	1.0							3.3	8.2
SSE	1.0	1.3	1.0	1.3							4.7	7.1
S	1.0	1.3	1.0	1.3							4.7	7.1
SSW	1.0	2.3	1.3	.7							5.3	6.4
SW		3.7	2.3	1.7							7.7	7.7
WSW	.3	4.7	2.3	3.0							10.3	8.1
W	1.7	5.3	6.0	4.3	.7						18.0	8.3
WNW		3.7	1.3	1.7							6.7	7.8
NW	.3	2.0	2.3	2.3	.3						7.3	9.4
NNW		.3	1.0	.7							2.0	9.3
VARIABLE												
CALM	////////////////////										19.3	////
TOTALS	7.3	30.7	21.0	20.7	1.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.0	2.3	.7							4.0	8.1
NNE			1.0	.3							1.3	9.5
NE	.3		.3	.7							1.3	8.5
ENE		.3	1.0								1.3	7.0
E		1.3	.7								2.0	6.0
ESE	.7	.7									1.3	4.0
SE	.3	2.7	2.7	1.0	.3						7.0	8.0
SSE	1.0	1.0	1.7	.7							4.3	7.1
S	.7	1.0	1.7	.7							4.0	7.8
SSW	2.0	2.3	1.7	.3							6.3	5.3
SW	1.0	4.0	2.3	2.7							10.0	7.7
WSW	1.7	1.7	1.7	3.0	.3						8.3	8.6
W	.7	5.6	6.0	5.3	.3						17.9	9.1
WNW		2.7	3.3	2.7	.7						9.3	9.5
NW	.3	2.7	1.0	1.0	.3						5.3	8.1
NNW	.3	1.0	1.0	1.0	.3						3.7	8.8
VARIABLE												
CALM	////////////////////										12.6	////
TOTALS	9.0	27.9	28.2	19.9	2.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3		1.7	1.0							3.0	9.8
NNE		.7	1.0	.3							2.0	7.7
NE		1.0	.3	.7							2.0	8.0
ENE		.7									.7	5.0
E	.3	.7									1.0	4.0
ESE	.7	1.0		.3							2.0	5.3
SE		1.0	2.3	1.3							4.7	9.1
SSE	.7	2.3	3.0	1.0							7.0	7.4
S	.7	2.7	2.7	1.0							7.0	7.0
SSW	1.3	3.3	1.0	1.0							6.7	5.8
SW	1.3	3.0	1.3	2.3							8.0	7.7
WSW	.7	3.7	2.0	2.3	.3						9.0	8.1
W	1.0	3.0	4.0	7.7	.7						16.4	10.1
WNW		2.3	2.7	3.7	1.0						9.7	10.4
NW		2.7	1.3	1.0	.3						5.4	8.7
NNW	.3	2.3	3.3	1.7							7.7	8.7
VARIABLE												
CALM	////////////////////////////////////										7.7	////
TOTALS	7.4	30.4	26.8	25.4	2.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.3	1.3	1.3								4.0	9.2
NNE		.7	.7	.3								1.7	8.0
NE			.3	.3								.7	10.0
ENE		.3	1.0									1.3	8.5
E		.3										.3	4.0
ESE	1.3	1.3	.3									3.0	4.2
SE	.3	2.0	1.3	1.7								5.3	8.0
SSE		1.7	1.3	1.7	.7							5.3	10.3
S	1.3	1.0	4.0	.7								7.0	7.1
SSW	1.3	2.3	1.7	1.7								7.0	7.1
SW		1.0	2.6	3.0								6.6	9.9
WSW	1.3	3.0	1.3	3.0	.3							8.9	8.0
W	1.3	3.3	5.0	7.6								17.2	9.4
WNW		3.0	3.3	5.0	.7							11.9	10.3
NW	.3	1.7	3.6	2.0	.3							7.9	9.5
NNW	.3	.7	2.6	2.3								6.0	9.6
VARIABLE													
CALM	////////////////////											6.0	////
TOTALS	7.6	23.5	30.5	30.5	2.0							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	1.0	1.3								4.4	8.8
NNE		1.3	1.3	.3								3.0	8.0
NE			.3	.3								.7	10.0
ENE			.3	.3								.7	7.0
E	.3	1.0	.3									1.7	5.2
ESE	.3	.7	.3									.3	5.0
SE	.3	1.3	1.3	3.0	.3							6.4	9.7
SSE	.3	2.7	.7	1.3	.3							5.4	7.7
S	1.3	2.4	2.0	1.0								6.7	6.4
SSW	1.0	2.4	.7	1.0								5.1	6.4
SW	1.3	3.4	1.0	2.0								7.7	7.0
WSW	1.7	2.7	1.7	3.4								9.4	7.6
W	1.0	6.7	5.4	6.1	.3							19.5	8.4
WNW		2.0	4.4	3.4	.3							10.1	9.7
NW		1.0	3.0	.3								4.4	8.8
NNW		1.7	1.7	2.4								5.7	9.4
VARIABLE													
CALM	////////////////////											7.7	////
TOTALS	7.7	31.6	25.6	25.9	1.3							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	1.3	2.3	.3						4.6	10.6
NNE		.7	1.3	.3							2.3	8.3
NE		.7	.3								1.0	6.0
ENE		.7									.7	4.0
E	.3	1.0	.3								1.6	4.8
ESE	.7	1.6									2.3	4.0
SE	.3	2.0	2.6	1.6	.3						6.9	8.8
SSE		2.3	.7	1.0							3.9	7.7
S	1.0	1.6	1.6	1.3							5.6	7.2
SSW	1.0	3.0	1.6	1.6							7.2	7.4
SW	.3	2.6	3.0	2.0							7.9	8.5
WSW	1.6	3.6	3.6	2.3	.3						11.5	7.9
W	.3	5.6	3.0	4.6	.3						13.8	8.5
WNW	1.0	3.9	3.3	1.6		.3					10.2	7.7
NW		3.0	1.3	1.0	.7						5.9	8.7
NNW	.3	.7	1.0	1.6	.3						3.9	9.9
VARIABLE												
CALM	////////////////////										10.5	////
TOTALS	6.9	33.6	25.0	21.4	2.3	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.9	1.4	1.4	.0						3.8	9.4
NNE		.6	.9	.3							1.8	8.3
NE	.1	.5	.3	.4							1.3	7.9
ENE		.5	.3	.0							.8	6.8
E	.2	.9	.3								1.4	5.3
ESE	.7	1.0	.1	.1							1.8	4.4
SE	.2	1.9	1.7	1.5	.1						5.4	8.6
SSE	.5	1.9	1.4	1.0	.1						5.0	7.6
S	1.1	1.6	2.1	.7							5.6	6.8
SSW	1.1	2.6	1.3	1.1	.0						6.1	6.6
SW	.6	3.1	2.3	2.0							9.0	7.9
WSW	1.3	3.7	2.4	2.8	.3						10.5	7.9
W	1.1	5.0	4.5	5.5	.5	.0					16.7	8.9
WNW	.1	3.2	2.8	2.7	.4	.0					9.3	9.1
NW	.1	1.9	1.8	1.1	.3						5.2	8.9
NNW	.3	1.2	1.7	1.7	.1	.0					5.1	9.3
VARIABLE												
CALM	////////////////////										12.3	////
TOTALS	7.5	30.4	25.3	22.4	1.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 2419

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0	.3	1.0							3.1	6.5
NNE	.7	.3	.7	.3							2.1	6.2
NE		.7	.7		.3						1.7	9.4
ENE	.7	1.0	.3								2.1	4.2
E	.7		.7								1.4	5.5
ESE	.3	2.1	1.4	.7							4.5	7.5
SE	.3	1.0	.7	1.0	.3						3.4	9.2
SSE	.7	2.4	2.7	3.1	.3						9.2	9.1
S	1.4	3.1	1.4	1.0							6.8	6.7
SSW	1.0	2.1	4.1	.7							7.9	7.4
SW	.3	1.4	2.4	2.1	.3						6.5	9.5
WSW	1.4	3.4	3.4	3.8	.7						12.7	9.1
W	.7	2.7	3.8	5.1	.7		.3				13.4	10.2
WNW	.3	3.8	1.7	1.7	.3						7.9	8.1
NW	.3	1.0	1.7	1.0	.3						4.5	9.6
NNW	.7	1.7	1.7	1.0							5.1	7.2
VARIABLE												
CALM	////////////////////										7.9	////
TOTALS	10.3	27.7	27.7	22.6	3.4		.3				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7		1.7							3.0	8.4
NNE	.3	1.3	.3	1.0							3.0	7.1
NE	.3	.3	1.0		.3						2.0	8.2
ENE	.3	.3	.7								1.3	6.5
E	.3	2.7									3.0	4.9
ESE		.3	.3	.7							1.3	10.5
SE	.7	2.4	2.0	1.7	.3						7.1	8.1
SSE	.7	2.4	.3	1.7	.7						5.7	8.7
S	.7	2.0	1.3	1.7							5.7	8.0
SSW	1.7	.3	2.7	1.3							6.1	7.2
SW	.3	2.4	2.7	4.0							9.4	9.1
WSW	1.3	4.7	3.0	2.7	.7						12.5	8.0
W	1.7	4.7	3.4	5.4	.7						15.8	8.9
WNW		2.7	1.7	3.0							7.4	9.2
NW		2.4	.7	.3	.7						4.0	8.5
NNW	.3	2.0	.3	1.0							3.7	7.5
VARIABLE												
CALM	////////////////////										8.8	////
TOTALS	9.4	31.6	20.5	26.3	3.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.3	.7	.7							2.4	7.4
NNE	.3	1.4	.7	.7	.3						3.4	7.9
NE		1.4		.7							2.0	8.0
ENE	.3	.7	1.0								2.0	6.0
E	.3	.7	.3	.3							1.7	6.0
ESE	.3	.7	1.7								2.7	6.5
SE		2.4	.3	2.0	1.0						5.8	9.7
SSE		1.0	2.7	2.7	.3						6.8	10.6
S	.3	2.7	2.4	.7							6.1	7.2
SSW	1.7	.7	2.0	1.7							6.1	7.7
SW	.3	3.4	4.1	3.8							11.6	9.2
WSW	2.0	3.8	2.7	3.1	.3						11.9	8.0
W	1.0	5.1	2.7	6.1	1.0						16.0	9.3
WNW	.3	2.0	1.0	1.4							4.8	7.9
NW	.3	1.7	.7	1.0	.3						4.1	9.1
NNW	.3	.7	.7	1.0							2.7	8.8
VARIABLE												
CALM	////////////////////										9.6	////
TOTALS	8.5	28.7	23.9	25.9	3.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	.3	1.4	1.0	.3							4.5	7.8
NNE		1.4		.7								2.1	7.0
NE	.3	.7	.7									1.7	5.6
ENE	.3	1.0	.3									1.7	5.6
E	1.0	1.4	.3									2.8	4.8
ESE	.3	.7	.3	.7								2.1	7.2
SE		2.4	1.0	1.4	.3							5.2	9.1
SSE		2.8	3.1	3.1								9.0	8.8
S	.3	2.1	3.0	1.0								7.3	7.7
SSW	1.4	2.1	1.7									5.2	5.6
SW	.7	.3	3.5	4.8	.3							9.7	10.6
WSW	2.4	2.8	2.8	3.1	.7							11.9	8.2
W	1.4	4.5	5.5	3.8	.7							15.9	8.6
WNW	.7	2.1	2.1	2.8	.3							8.0	9.2
NW		.7	2.1	.7								3.5	9.2
NNW	.7	.3	.7	.7								2.4	7.1
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	11.1	25.6	29.4	23.9	2.8							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	1.7	.7							4.4	6.5
NNE	.7	.7	.7								2.0	5.3
NE		.7	.3		.3						1.4	8.8
ENE	.3	.7	.3								1.4	5.5
E	1.4	1.7	.7	.7							4.4	5.7
ESE	.7	2.0	1.0	.3							4.1	6.3
SE	.3	1.7	1.4	2.4							5.8	9.1
SSE		2.0	2.4	2.7							7.1	9.1
S	.7	3.4	3.1	1.4							8.5	7.2
SSW	1.7	2.0	.3	2.4							6.4	6.9
SW	.7	1.4	2.4	4.1	.7						9.2	10.2
WSW	1.0	3.1	3.1	3.4	.7						11.7	9.3
W	1.0	1.7	6.4	5.1	.3						14.6	9.7
WNW	.7	2.7	.7	3.4	.3						7.8	9.2
NW	.3	1.0	.7	1.0	.3						3.4	9.5
NNW	.3		.7	1.0							2.0	10.0
VARIABLE												
CALM	////////////////////										6.4	////
TOTALS	10.8	25.8	25.8	28.5	2.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.7	.7	1.3								3.7	8.2
NNE		1.0	.7	.7								2.3	8.0
NE	.3	1.3			.3							2.0	6.5
ENE	.7	1.0	.7									2.3	5.4
E	.7	1.7	.7	.7								3.7	6.7
ESE	.7	1.0	1.0	.3								3.0	6.7
SE		1.7	2.7	2.0								6.4	9.2
SSE	1.0	1.0	2.0	2.0								6.0	8.0
S	1.0	4.0	2.7	.7								8.4	6.6
SSW	1.3	2.0	1.3	1.3								6.0	6.9
SW		1.3	3.0	3.7	.3							8.4	10.1
WSW	2.0	3.4	4.0	3.4	.3							13.1	7.8
W	.7	1.7	3.0	6.0	1.0							12.4	11.1
WNW	.3	2.0	3.0	3.7	.3	.3						9.7	10.6
NW	.3	.7	1.0	2.3	.3							4.7	10.4
NNW	.7	.7		.3								1.7	5.2
VARIABLE													
CALM	////////////////////											6.0	////
TOTALS	9.7	26.2	26.5	28.5	2.7	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.4	.7	.7							2.7	8.1
NNE		1.7	1.0								2.7	6.3
NE		1.4	.7		.3						2.4	7.6
ENE	.3	.3	.3								1.0	5.3
E		1.4	.7								2.0	6.3
ESE		.7	1.7	.7							3.1	8.9
SE	.3	2.0	2.4	1.7							6.5	8.2
SSE	.7	2.4	2.0	3.1	.3						8.5	9.1
S	1.0	4.4	2.7	1.0							9.2	6.4
SSW	.7		3.4	2.0							6.1	9.6
SW	.7	1.4	2.4	3.1							7.6	9.5
WSW	.7	3.4	2.7	4.1							10.9	8.8
W	.7	4.4	4.1	5.8	1.0	.3					16.4	10.2
WNW	1.0	2.4	2.0	2.7	.3	.3					8.9	9.5
NW		1.0	1.0	.7							2.7	7.8
NNW	.3	.7	.7	.7							2.4	7.1
VARIABLE												
CALM	////////////////////										6.8	////
TOTALS	6.5	29.0	28.7	26.3	2.0	.7					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW LSSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.7	.7	.7								3.4	7.0
NNE	.7	1.7	.3									2.7	4.8
NE	.7	1.4	.7		.3							3.0	7.0
ENE		.7	.3				.3					1.4	12.3
E	.7	1.0	.3	.3								2.4	5.4
ESE	.3	.7	1.7	.3								3.0	8.4
SE		2.7	1.4	1.0	1.0							6.1	9.2
SSE		2.7	3.7	2.0	.7							9.1	9.4
S	1.0	2.7	1.4	1.0								6.1	6.6
SSW	1.0	1.7	3.7	.7								7.1	7.2
SW	1.7	1.0	2.0	5.1								9.8	9.4
WSW	.7	3.0	1.7	3.7	1.7							10.8	9.9
W	.3	3.7	3.4	5.4		.7						13.5	10.1
WNW	.3	2.4	2.0	2.4	.3							7.4	9.0
NW	.7	1.4	.7	2.0								4.7	8.7
NNW	.7	1.7	.3	.3		.3						3.4	7.7
VARIABLE													
CALM	////////////////////											6.1	////
TOTALS	9.1	30.1	24.3	25.0	4.1	1.7	.3					103.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.0	.8	1.0	.0						3.4	7.6
NNE	.3	1.2	.6	.4	.0						2.5	6.7
NE	.2	1.0	.5	.1	.3						2.0	7.5
ENE	.4	.7	.5				.0				1.7	6.2
E	.6	1.3	.5	.3							2.7	5.7
ESE	.3	1.0	1.1	.5							3.0	7.5
SE	.2	2.0	1.5	1.7	.4						5.8	9.0
SSE	.4	2.1	2.4	2.5	.3						7.7	9.1
S	.8	3.1	2.3	1.1							7.3	7.0
SSW	1.3	1.4	2.4	1.3							6.4	7.4
SW	.6	1.6	2.8	3.8	.2						9.0	9.8
WSW	1.4	3.4	2.9	3.4	.6						11.9	8.6
W	.9	3.6	4.0	5.4	.7	.1	.0				14.7	9.7
WNW	.5	2.5	1.8	2.6	.3	.1					7.7	9.2
NW	.3	1.2	1.1	1.1	.3						4.0	9.2
NNW	.5	1.0	.6	.8		.0					2.9	7.6
VARIABLE												
CALM	////////////////////										7.4	////
TOTALS	9.4	28.1	25.8	25.9	3.1	.3	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 2353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.4	1.0	.3							3.1	7.1
NNE	.3	.7	1.4								2.4	6.3
NE	.3		.3	1.4							2.0	10.7
ENE	.7	.3	.3								1.4	4.5
E	.7	2.4	1.0	.7							4.7	6.1
ESE	.1	2.7	2.0	1.4							6.8	7.0
SE	.3	3.4	2.0	1.0							6.8	7.4
SSE	.3	1.4	2.4	.3							4.4	7.7
S	1.0	3.4	3.4	1.7							9.5	7.4
SSW	1.4	2.0	1.0	.7	.3						5.4	6.8
SW	.7	.7	3.7	1.4	1.0						7.5	9.8
WSW	.3	5.8	2.4	2.7	.3						11.5	7.6
W	1.0	4.4	3.4	6.1	.7						15.6	9.4
WNW	.3	2.7	.7	1.4							5.1	7.2
NW	.3	.7	1.4	.3							2.7	7.8
NNW	.3	1.0	1.4	.7							3.4	7.8
VARIABLE												
CALM	////////////////////										7.8	////
TOTALS	9.2	32.9	27.8	20.0	2.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.7	1.0	.3							2.0	7.7
NNE		1.3	.7	.3							2.3	7.1
NE		1.0	1.7	1.0							3.6	9.1
ENE			.3								.3	10.0
E	1.0	2.0	1.0	.3							4.3	5.4
ESE	.7	3.3	1.0	1.7	.3						6.9	7.7
SE	.7	3.0	2.0	.7							6.3	6.6
SSE	.3	3.0	.3	.3							4.0	5.7
S	.7	4.3	2.6	1.0							8.6	7.2
SSW	.3	1.3	1.3	1.0	.3						4.3	8.7
SW	.7	3.6	2.3	.7	1.0						8.3	8.0
WSW	1.7	3.0	3.6	2.0	.7						10.9	7.9
W	1.3	5.3	4.6	4.3	.7	.3					16.5	8.6
WNW	1.0	2.0	1.3	1.3							5.6	6.9
NW	.7	.7	1.3	1.0							3.6	8.2
NNW	.3	.7	1.0	1.0							3.0	8.4
VARIABLE												
CALM	////////////////////										9.6	////
TOTALS	9.2	35.0	26.1	16.8	3.0	.3					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.3	.7	.7							2.7	7.6
NNE	.3	1.0	.3								1.7	4.8
NE		.7	1.0	.3							2.0	8.0
ENE	1.3	1.0	1.0	.3							3.7	5.6
E	1.0	1.7	.7	.3							3.7	5.5
ESE	.3	3.4	1.0	.3							5.0	5.9
SE	.3	3.7	1.3	1.7							7.0	7.8
SSE		2.3	2.7	.3							5.4	7.2
S	.7	2.0	1.7	1.3							5.7	7.1
SSW	1.7	1.7	2.3	2.3							8.1	7.9
SW	.3	2.0	3.0	.7	1.0						7.0	9.0
WSW	.7	4.0	4.4	2.0	.7						11.7	8.2
W	1.7	5.7	3.0	5.0	.7						16.1	8.7
WNW	.3	1.3	1.7	.3	.3						4.0	8.1
NW	1.0	1.3	2.3	1.3							6.0	7.7
NNW	.3	.3	1.3								2.0	7.2
VARIABLE												
CALM	////////////////////										8.1	////
TOTALS	10.1	33.6	28.5	17.1	2.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.1	.4	.4								3.2	6.0
NNE	1.1	.4	.7	.4								2.5	5.7
NE		1.4	.4	.4								2.1	7.0
ENE	.4	1.8	1.8	.7								4.6	7.5
E	1.1	2.5	.7	.4								4.6	5.7
ESE	1.4	2.1	.7	1.1								5.3	6.4
SE		2.1	2.5	1.8								6.4	8.4
SSE	.4	3.6	1.8	.4								6.0	6.1
S	.4	1.4	2.8	1.4								6.0	8.2
SSW	1.4	3.6	1.8	1.1	.4							8.2	6.6
SW	.4	1.8	2.8	1.8	.7							7.5	9.7
WSW	.7	5.0	4.6	3.2	.4							13.9	8.2
W	.7	5.0	3.6	4.6	.4							14.2	9.2
WNW	.4	1.4	1.4	1.1								4.3	8.0
NW		.7	1.8	.7								3.2	8.7
NNW	.4	1.4		.7								2.5	6.9
VARIABLE													
CALM	////////////////////											5.3	////
TOTALS	8.9	36.3	27.8	19.9	1.8							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.3	2.0	1.0							4.9	7.6
NNE		1.6	1.0	.7							3.3	7.4
NE		.7	1.0								1.6	7.6
ENE	.3	.7	1.0	.7							2.6	8.5
E	.7	1.6	1.0	.7							3.9	6.5
ESE	.7	2.6	1.3	.7							5.3	6.3
SE	.3	2.3	3.3	1.6							7.6	7.8
SSE	.7	2.3	1.3	.7	.3						5.3	7.6
S	.7	2.6	3.6	2.0							8.9	8.0
SSW	.7	2.0	2.3	.7							5.6	7.3
SW	.3	2.3	2.3	3.0	.7						8.6	10.0
WSW	1.0	3.6	3.0	2.3	.7						10.5	8.3
W	1.3	3.3	4.9	4.3	.7						14.5	8.8
WNW	.3	.7	3.9	1.6							6.6	8.9
NW		1.3	.7	.7							2.6	7.8
NNW	.3	1.6	.3	.7							3.0	6.9
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	7.9	30.6	32.9	21.1	2.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.3	1.0	1.0	.3						3.6	9.2
NNE	.3	1.3	1.0	.3							2.9	6.7
NE	.3	1.3		.3	.3						2.3	7.3
ENE	.3	1.3	1.6	.3							3.6	7.1
E	1.6	2.3	.6								4.5	4.3
ESE		3.9	1.0	1.6							6.5	7.1
SE	.6	2.6	1.9								5.2	6.1
SSE	.6	1.6	1.3	1.0							4.5	7.1
S	.6	3.2	3.2	1.3	.3						8.7	7.9
SSW	.3	1.3	1.9	.6							4.2	8.2
SW	.3	2.3	4.5	3.6	1.0						11.7	10.3
WSW	.3	4.2	1.6	1.9	.3	.3					8.7	8.6
W	1.3	3.6	3.2	4.9							12.9	8.8
WNW		1.6	1.0	1.9	.3						4.9	9.1
NW		1.9	1.3	1.3							4.5	8.0
NNW	.3	2.3	1.0	1.0							4.5	6.9
VARIABLE												
CALM	////////////////////										6.8	////
TOTALS	7.1	35.9	26.2	21.0	2.6	.3					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.0	1.3	.3								3.6	7.1
NNE	.7	1.3	1.7	.7	.3							4.6	7.8
NE		1.0	.3	.7								2.0	9.0
ENE		1.7	.7	.3								2.6	6.0
E	1.3	1.3	1.0	.3								4.0	5.7
ESE	.3	2.0	3.3	.7								6.3	7.7
SE	.7	4.0	2.3	1.0								7.9	6.8
SSE	.7	3.0	1.3	.3								5.3	6.1
S	.3	1.7	3.3	1.3								6.6	8.4
SSW	.3	2.6	2.3	1.0								6.3	7.1
SW	.7	2.0	1.7	3.3	.7							8.3	10.2
WSW	.3	4.3	1.7	3.3	.7							10.3	9.1
W	1.0	4.6	2.6	4.3								12.6	8.5
WNW		1.0	2.0	2.3	.3							5.6	10.1
NW	.3	1.7	.7	2.6								5.3	9.1
NNW	.3	1.0	1.0	.3			.3					3.0	10.3
VARIABLE													
CALM	////////////////////											5.6	////
TOTALS	7.0	35.1	27.2	22.8	2.0		.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.3	1.6	.3							2.6	8.5
NNE	.7	1.3	1.3	.7	.3						4.3	7.6
NE		.3	.3	.3							1.0	9.3
ENE	1.3	.7	1.0	.3							3.3	5.8
E		3.0	1.0								3.9	5.7
ESE	.3	3.0	2.0	.7							5.9	7.2
SE	.3	2.3	2.6	.7	.3						6.2	8.2
SSE		2.3	3.0								5.3	7.1
S	.7	3.6	2.0	1.0							7.2	6.7
SSW	.3	2.3	2.0	1.3							5.9	7.7
SW	.3	1.3	1.6	2.6	1.0						6.9	10.5
WSW	1.3	2.6	3.6	3.3	.3						11.2	8.4
W	.7	4.3	2.3	4.9							12.2	8.6
WNW	.7	2.0	2.0	2.0	.3						6.9	8.5
NW		1.0	2.6	.7							4.3	8.5
NNW		2.3	1.0	.7							3.9	6.8
VARIABLE												
CALM	////////////////////										8.9	////
TOTALS	6.9	32.6	29.9	19.4	2.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.3	1.1	.5	.0						3.2	7.6
NNE	.4	1.1	1.0	.4	.1						3.0	6.9
NE	.1	.8	.6	.5	.0						2.1	8.5
FNE	.5	.9	1.0	.3							2.8	6.7
E	.9	2.1	.9	.3							4.2	5.6
ESE	.5	2.9	1.5	1.0	.0						6.0	7.0
SE	.4	2.9	2.3	1.0	.0						6.7	7.4
SSE	.4	2.4	1.8	.4	.0						5.0	6.5
S	.6	2.8	2.8	1.4	.0						7.7	7.6
SSW	.8	2.1	1.9	1.1	.1						6.0	7.4
SW	.5	2.0	2.8	2.1	.9						8.2	9.8
WSW	.8	4.0	3.1	2.6	.5	.0					11.1	8.2
W	1.1	4.5	3.5	4.8	.4	.0					14.3	8.8
MNW	.4	1.6	1.8	1.5	.2						5.4	8.4
NW	.2	1.2	1.5	1.1							4.0	8.2
NNW	.2	1.3	.9	.6			.0				3.2	7.6
VARIABLE												
CALM	////////////////////										7.2	////
TOTALS	8.2	34.0	28.3	19.8	2.4	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 2396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.8	1.1	.8	.0						4.4	7.0
NNE	.5	1.7	.9	.4	.0						3.7	6.5
NE	.2	1.2	1.0	.5	.0						2.9	7.3
ENE	.4	1.1	1.0	.5	.0		.0				3.0	7.0
E	.7	1.6	.8	.5	.0						3.5	6.3
ESE	.7	1.7	1.0	.5	.0	.0					3.9	6.5
SE	.5	2.0	1.6	1.5	.1	.0					5.7	8.2
SSE	.5	1.8	1.3	1.2	.1	.0					5.0	8.1
S	.9	2.1	1.5	.9	.0	.0					5.5	7.0
SSW	.9	1.8	1.2	.8	.0						4.7	6.8
SW	.6	1.8	1.7	1.7	.2	.0					6.0	8.4
WSW	1.2	3.1	1.9	2.1	.2	.0					8.5	7.7
W	1.2	4.1	3.2	3.4	.3	.0	.0				12.2	8.3
WNW	.7	2.9	2.0	1.7	.2	.0	.0				7.5	7.9
NW	.4	1.5	1.2	.8	.1						3.9	7.7
NNW	.6	1.6	1.0	.6	.0	.0	.0				3.7	6.8
VARIABLE	.0			.0							.0	9.0
CALM	////////////////////										15.7	////
TOTALS	10.4	31.9	22.5	17.9	1.4	.1	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 28574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	.6	1.3	1.2	.8	.0							3.9	7.1
NNE	.4	1.5	.9	.5	.0							3.3	6.8
NE	.2	1.0	1.2	.6	.1							3.0	6.1
ENE	.4	1.1	1.3	.6	.0		.0					3.4	7.5
E	.9	1.7	1.1	.7								4.4	6.6
ESE	.6	1.9	1.4	.8	.0	.0						4.8	7.0
SE	.5	2.9	2.6	2.3	.2	.0						8.5	8.4
SSE	.6	2.4	2.3	2.2	.2	.0						7.7	8.6
S	.8	2.9	2.3	1.3	.0							7.3	7.1
SSW	1.0	1.8	1.6	.9	.1							5.4	7.0
SW	.5	2.2	2.1	1.9	.3	.0						7.0	8.6
WSW	1.0	3.1	2.1	2.0	.2	.0						8.5	7.8
W	.8	2.9	2.2	3.3	.2	.0	.0					9.5	8.7
WNW	.5	1.9	1.7	1.0	.1	.0						5.3	7.7
NW	.3	1.1	1.0	.6	.0							3.0	7.8
NNW	.5	1.2	.6	.4	.0	.0	.0					2.7	6.7
VARIABLE													
CALM	////////////////////											12.2	////
TOTALS	9.5	31.1	25.6	19.9	1.5	.1	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 8323

PPPPPPP
PPPPPPPP
PP PP
PP PF
PPPPPPPP
PPPPPPPP
PP
PP
PP
PP
PP

AAAAAA
AAAAAAA
AA AA
AA AA
AA AA
AAAAAAAAA
AAAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRRR
RRRRRRRR
RR RR
RR RR
RRRRRRRR
RRRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTTT
TTTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT
TT

00000000
00000000
00 00
00 00
00 00
00 00
00 00
00 00
00 00
00000000
00000000

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	6/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSCURED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		10.0	10.4	12.7	15.1	15.4	15.4	16.1	16.1	16.1	16.1	16.7	16.7	16.7	16.7	16.7
GE 20000		11.7	12.0	14.4	17.1	17.4	17.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 18000		11.7	12.0	14.4	17.1	17.4	17.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 16000		11.7	12.0	14.4	17.1	17.4	17.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 14000		11.7	12.0	14.4	17.1	17.4	17.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 12000		11.7	12.0	14.4	17.1	17.4	17.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 10000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 9000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 8000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 7000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 6000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 5000		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 4500		16.4	16.7	19.7	25.1	27.4	27.8	29.4	29.8	30.1	37.4	31.1	31.1	31.1	31.1	31.1
GE 4000		17.4	17.7	20.7	26.4	28.8	29.1	30.8	31.1	31.4	31.8	32.4	32.4	32.4	32.4	32.4
GE 3500		17.4	17.7	20.7	26.4	28.8	29.1	30.8	31.1	31.4	31.8	32.4	32.4	32.4	32.4	32.4
GE 3000		19.1	19.4	23.1	29.1	31.4	31.8	33.8	34.1	34.4	34.8	35.5	35.5	35.5	35.5	35.5
GE 2500		19.4	19.7	24.1	30.4	32.8	33.1	35.1	35.5	35.8	36.1	36.8	36.8	36.8	36.8	36.8
GE 2000		23.4	23.7	28.8	37.1	39.5	39.8	41.8	42.1	42.5	42.8	43.5	43.5	43.5	43.5	43.5
GE 1800		24.7	25.1	30.4	38.8	41.5	41.8	43.8	44.1	44.5	44.8	45.5	45.5	45.5	45.5	45.5
GE 1500		27.1	27.4	33.4	44.1	47.2	47.8	49.8	50.2	50.5	57.8	51.5	51.5	51.5	51.5	51.5
GE 1200		30.4	31.1	38.8	52.2	56.2	56.9	67.2	61.2	61.5	61.9	62.5	62.5	62.5	62.5	62.5
GE 1000		33.4	34.1	42.5	58.2	64.2	64.9	69.6	70.6	70.9	71.2	71.9	71.9	71.9	71.9	71.9
GE 900		34.1	34.8	43.5	61.2	69.6	70.2	75.9	76.9	77.6	77.9	78.6	78.6	78.6	78.6	78.6
GE 800		34.4	35.1	45.5	64.9	74.2	74.9	80.9	82.6	83.3	83.6	84.3	84.3	84.3	84.3	84.3
GE 700		35.1	35.8	46.5	67.2	77.3	77.9	86.3	88.0	89.0	89.3	90.0	90.0	90.0	90.0	90.0
GE 600		35.8	36.5	48.2	69.9	80.3	81.3	89.6	91.3	92.3	92.6	93.3	93.3	93.3	93.3	93.3
GE 500		36.8	37.5	49.2	71.2	82.9	83.9	93.0	94.6	95.7	96.3	97.0	97.0	97.0	97.0	97.0
GE 400		36.8	37.5	49.2	71.6	83.3	84.6	94.0	96.0	97.0	97.7	98.7	98.7	98.7	98.7	98.7
GE 300		36.8	37.5	49.2	71.6	83.6	84.9	94.6	96.7	97.7	98.3	99.3	99.7	99.7	99.7	99.7
GE 200		36.8	37.5	49.2	71.6	83.6	84.9	94.6	96.7	97.7	98.3	99.3	100.0	100.0	100.0	100.0
GE 100		36.8	37.5	49.2	71.6	83.6	84.9	94.6	96.7	97.7	98.3	99.3	100.0	100.0	100.0	100.0
GE 0		36.8	37.5	49.2	71.6	83.6	84.9	94.6	96.7	97.7	98.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		11.3	11.3	13.6	16.2	17.2	17.2	17.2	17.2	17.2	17.2	17.8	17.8	17.8	17.8	17.8
GE 20000		12.3	12.3	14.6	17.5	18.4	18.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 18000		12.3	12.3	14.6	17.5	18.4	18.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 16000		12.3	12.3	14.6	17.5	18.4	18.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 14000		12.3	12.3	14.6	17.5	18.4	18.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 12000		12.3	12.3	14.6	17.5	18.4	18.4	18.4	18.4	18.4	18.4	19.1	19.1	19.1	19.1	19.1
GE 10000		15.9	16.2	19.1	25.2	28.2	28.2	29.8	29.8	30.1	30.1	30.7	30.7	30.7	30.7	30.7
GE 9000		15.9	16.2	19.1	25.2	28.2	28.2	29.8	29.8	30.1	30.1	30.7	30.7	30.7	30.7	30.7
GE 8000		15.9	16.2	19.1	25.2	28.2	28.2	29.8	29.8	30.1	30.1	30.7	30.7	30.7	30.7	30.7
GE 7000		15.9	16.2	19.1	25.2	28.2	28.2	29.8	29.8	30.1	30.1	30.7	30.7	30.7	30.7	30.7
GE 6000		16.2	16.5	19.7	25.9	28.8	28.8	30.4	30.4	30.7	30.7	31.4	31.4	31.4	31.4	31.4
GE 5000		16.2	16.5	19.7	25.9	28.8	28.8	30.4	30.4	30.7	30.7	31.4	31.4	31.4	31.4	31.4
GE 4500		16.2	16.5	19.7	25.9	28.8	28.8	30.4	30.4	30.7	30.7	31.4	31.4	31.4	31.4	31.4
GE 4000		17.5	17.8	21.4	27.5	30.4	30.4	32.0	32.0	32.4	32.4	33.0	33.0	33.0	33.0	33.0
GE 3500		17.5	17.8	21.4	27.5	30.4	30.4	32.0	32.0	32.4	32.4	33.0	33.0	33.0	33.0	33.0
GE 3000		18.4	18.8	22.7	29.1	32.0	32.0	33.7	33.7	34.0	34.0	34.6	34.6	34.6	34.6	34.6
GE 2500		20.1	20.4	24.6	31.4	34.3	34.3	35.9	35.9	36.2	36.2	36.9	36.9	36.9	36.9	36.9
GE 2000		22.7	23.0	27.8	36.9	40.1	40.1	41.7	41.7	42.1	42.1	42.7	42.7	42.7	42.7	42.7
GE 1800		23.0	23.3	28.5	38.5	42.1	42.1	43.7	43.7	44.0	44.0	44.7	44.7	44.7	44.7	44.7
GE 1500		25.2	25.6	30.7	41.4	46.0	46.0	47.6	47.6	47.9	47.9	48.5	48.5	48.5	48.5	48.5
GE 1200		30.1	30.4	37.2	51.8	57.9	57.9	59.9	60.5	60.8	60.8	61.5	61.5	61.5	61.5	61.5
GE 1000		35.3	35.6	42.4	59.5	65.7	65.7	68.9	69.9	70.2	70.2	70.9	70.9	70.9	70.9	70.9
GE 900		36.6	36.9	43.7	64.1	71.8	71.8	76.1	77.0	77.3	77.3	78.0	78.0	78.0	78.0	78.0
GE 800		36.6	36.9	44.7	67.6	76.7	76.7	81.2	82.2	82.5	82.5	83.2	83.2	83.2	83.2	83.2
GE 700		36.6	36.9	46.0	70.6	80.6	80.6	85.8	87.1	87.4	87.4	88.0	88.0	88.3	88.3	88.3
GE 600		36.9	37.2	46.9	73.1	84.1	84.1	91.3	92.6	92.9	93.2	93.9	93.9	94.2	94.2	94.2
GE 500		36.9	37.2	46.9	73.5	85.1	85.1	92.2	93.9	94.2	94.8	95.5	95.5	95.8	95.8	95.8
GE 400		37.2	37.5	47.2	73.8	86.1	86.1	93.9	95.8	96.4	97.1	98.1	98.1	98.4	98.4	98.4
GE 300		37.2	37.5	47.2	73.8	86.1	86.1	94.2	96.1	96.8	97.4	98.4	98.7	99.0	99.0	99.0
GE 200		37.2	37.5	47.2	73.8	86.1	86.1	94.5	96.4	97.1	98.1	99.0	99.4	100.0	100.0	100.0
GE 100		37.2	37.5	47.2	73.8	86.1	86.1	94.5	96.4	97.1	98.1	99.0	99.4	100.0	100.0	100.0
GE	CI	37.2	37.5	47.2	73.8	86.1	86.1	94.5	96.4	97.1	98.1	99.0	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS: 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		8.6	8.6	11.5	13.2	14.1	14.1	14.1	14.1	14.1	14.1	14.5	14.8	14.8	14.8	14.8
GE 20000		10.5	10.5	14.1	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.8	19.1	19.1	19.1	19.1
GE 18000		10.5	10.5	14.1	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.8	19.1	19.1	19.1	19.1
GE 16000		10.5	10.5	14.1	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.8	19.1	19.1	19.1	19.1
GE 14000		10.5	10.5	14.1	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.8	19.1	19.1	19.1	19.1
GE 12000		10.5	10.5	14.1	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.8	19.1	19.1	19.1	19.1
GE 10000		14.5	14.8	20.7	25.7	28.3	28.3	29.6	29.9	29.9	30.3	30.6	30.9	30.9	30.9	30.9
GE 9000		14.5	14.8	20.7	25.7	28.3	28.3	29.6	29.9	29.9	30.3	30.6	30.9	30.9	30.9	30.9
GE 8000		14.5	14.8	20.7	25.7	28.3	28.3	29.6	29.9	29.9	30.3	30.6	30.9	30.9	30.9	30.9
GE 7000		14.5	14.8	20.7	25.7	28.3	28.3	29.6	29.9	29.9	30.3	30.6	30.9	30.9	30.9	30.9
GE 6000		14.5	14.8	21.1	26.0	28.6	28.6	29.7	30.3	30.3	30.6	30.9	31.3	31.3	31.3	31.3
GE 5000		15.1	15.5	21.7	26.6	29.3	29.3	30.6	30.9	30.9	31.3	31.6	31.9	31.9	31.9	31.9
GE 4500		15.1	15.5	21.7	26.6	29.3	29.3	30.6	30.9	30.9	31.3	31.6	31.9	31.9	31.9	31.9
GE 4000		15.8	16.1	22.4	27.3	29.9	29.9	31.3	31.6	31.6	31.9	32.2	32.6	32.6	32.6	32.6
GE 3500		16.1	16.4	22.7	27.6	30.3	30.3	31.6	31.9	31.9	32.2	32.6	32.9	32.9	32.9	32.9
GE 3000		17.1	17.4	23.7	28.6	31.3	31.3	32.6	32.9	32.9	33.2	33.6	33.9	33.9	33.9	33.9
GE 2500		18.1	18.4	25.0	30.9	33.6	33.6	35.2	35.5	35.5	35.9	36.2	36.5	36.5	36.5	36.5
GE 2000		20.4	20.7	28.3	35.2	38.2	38.2	39.8	40.1	40.1	40.5	40.8	41.1	41.1	41.1	41.1
GE 1800		21.1	21.4	28.9	36.5	39.8	39.8	41.4	41.8	41.8	42.1	42.4	42.8	42.8	42.8	42.8
GE 1500		23.0	23.4	30.9	41.8	45.1	45.1	46.7	47.0	47.0	47.4	47.7	48.0	48.0	48.0	48.0
GE 1200		27.3	27.6	37.5	51.6	55.9	55.9	58.2	59.5	59.5	59.9	60.2	60.5	60.5	60.5	60.5
GE 1000		31.9	32.2	42.4	61.2	66.1	66.1	69.7	71.4	71.4	71.7	72.0	72.4	72.4	72.4	72.4
GE 900		33.9	34.2	44.4	63.8	70.1	70.1	74.0	76.0	76.0	76.3	76.6	77.0	77.0	77.0	77.0
GE 800		34.2	34.5	44.7	67.4	75.3	75.3	80.3	82.2	82.2	82.6	82.9	83.2	83.2	83.2	83.2
GE 700		34.9	35.2	47.4	71.7	79.6	79.6	86.2	88.2	88.2	89.1	89.5	90.1	90.1	90.1	90.1
GE 600		35.5	35.9	48.7	74.3	82.2	82.2	90.1	92.1	92.1	93.4	93.8	94.4	94.4	94.4	94.4
GE 500		35.9	36.2	49.0	75.3	83.6	83.6	91.8	93.8	93.8	94.7	95.4	95.7	96.4	96.4	96.4
GE 400		36.2	36.5	49.3	75.7	84.2	84.2	94.4	96.4	96.4	97.4	98.4	98.7	99.7	99.7	99.7
GE 300		36.2	36.5	49.3	75.7	84.2	84.2	94.7	96.7	96.7	97.7	98.7	99.0	100.0	100.0	100.0
GE 200		36.2	36.5	49.3	75.7	84.2	84.2	94.7	96.7	96.7	97.7	98.7	99.0	100.0	100.0	100.0
GE 100		36.2	36.5	49.3	75.7	84.2	84.2	94.7	96.7	96.7	97.7	98.7	99.0	100.0	100.0	100.0
GE 0		36.2	36.5	49.3	75.7	84.2	84.2	94.7	96.7	96.7	97.7	98.7	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		8.9	8.9	10.8	13.0	13.8	13.8	14.5	14.9	14.9	14.9	15.6	15.6	15.6	15.6	15.6
GE 20000		10.0	10.0	12.6	16.0	16.7	16.7	17.8	18.2	18.2	18.2	19.0	19.0	19.0	19.0	19.0
GE 18000		10.0	10.0	12.6	16.0	16.7	16.7	17.8	18.2	18.2	18.2	19.0	19.0	19.0	19.0	19.0
GE 16000		10.0	10.0	12.6	16.0	16.7	16.7	17.8	18.2	18.2	18.2	19.0	19.0	19.0	19.0	19.0
GE 14000		10.0	10.0	12.6	16.0	16.7	16.7	17.8	18.2	18.2	18.2	19.0	19.0	19.0	19.0	19.0
GE 12000		10.0	10.0	12.6	16.0	16.7	16.7	17.8	18.2	18.2	18.2	19.0	19.0	19.0	19.0	19.0
GE 10000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 9000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 8000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 7000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 6000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 5000		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 4500		15.2	15.2	20.8	25.3	27.9	27.9	30.9	33.1	33.5	33.8	34.6	34.6	34.6	34.6	34.6
GE 4000		15.2	15.2	20.8	26.0	28.6	28.6	31.6	33.8	34.2	34.6	35.3	35.3	35.3	35.3	35.3
GE 3500		15.6	15.6	21.2	26.8	29.4	29.4	32.3	34.6	34.9	35.3	36.1	36.1	36.1	36.1	36.1
GE 3000		16.7	16.7	22.3	28.3	30.9	30.9	33.8	36.4	36.8	37.2	37.9	37.9	37.9	37.9	37.9
GE 2500		17.1	17.1	22.7	29.0	31.6	31.6	35.3	37.9	38.3	38.7	39.4	39.4	39.4	39.4	39.4
GE 2000		19.0	19.3	25.3	33.1	35.7	35.7	39.4	42.4	42.8	43.1	43.9	43.9	43.9	43.9	43.9
GE 1800		19.0	19.3	25.3	33.1	35.7	35.7	39.4	42.4	42.8	43.1	43.9	43.9	43.9	43.9	43.9
GE 1500		22.7	23.0	29.7	39.8	43.1	43.1	48.0	50.9	51.3	51.7	52.4	52.4	52.4	52.4	52.4
GE 1200		26.0	26.4	34.2	47.6	51.7	51.7	57.6	60.6	61.0	61.3	62.1	62.1	62.1	62.1	62.1
GE 1000		28.3	28.6	36.4	53.2	59.9	59.9	66.9	70.3	71.0	71.4	72.1	72.1	72.1	72.1	72.1
GE 900		29.7	30.1	37.9	55.4	62.5	62.5	70.6	74.3	75.5	75.8	76.6	76.6	76.6	76.6	76.6
GE 800		30.1	30.5	39.8	59.5	67.3	67.3	77.0	80.7	81.8	82.5	83.3	83.3	83.3	83.3	83.3
GE 700		30.1	30.5	40.5	60.6	68.8	68.8	80.3	84.8	86.2	87.0	88.5	88.5	88.5	88.5	88.5
GE 600		30.1	30.5	41.3	63.2	72.5	72.5	85.1	90.0	91.8	92.6	94.1	94.1	94.1	94.1	94.1
GE 500		30.1	30.5	41.3	63.9	74.0	74.7	88.5	93.3	95.2	95.9	97.4	97.4	97.4	97.4	97.4
GE 400		30.5	30.9	41.6	64.3	74.7	75.5	89.2	94.4	96.7	97.4	99.3	99.6	99.6	99.6	99.6
GE 300		30.5	30.9	41.6	64.3	74.7	75.5	89.2	94.4	96.7	97.4	99.3	100.0	100.0	100.0	100.0
GE 200		30.5	30.9	41.6	64.3	74.7	75.5	89.2	94.4	96.7	97.4	99.3	100.0	100.0	100.0	100.0
GE 100		30.5	30.9	41.6	64.3	74.7	75.5	89.2	94.4	96.7	97.4	99.3	100.0	100.0	100.0	100.0
GE 0		30.5	30.9	41.6	64.3	74.7	75.5	89.2	94.4	96.7	97.4	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		13.0	13.3	15.7	18.0	18.3	18.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0
GE 20000		14.0	14.3	17.0	20.7	21.3	21.3	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7
GE 18000		14.0	14.3	17.0	20.7	21.3	21.3	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7
GE 16000		14.0	14.3	17.0	20.7	21.3	21.3	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7
GE 14000		14.0	14.3	17.0	20.7	21.3	21.3	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7
GE 12000		14.0	14.3	17.0	20.7	21.3	21.3	24.0	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7
GE 10000		17.3	17.7	23.7	31.7	32.7	32.7	38.3	39.3	39.7	39.7	40.3	40.3	40.3	40.3	40.3
GE 9000		17.3	17.7	23.7	31.7	32.7	32.7	38.3	39.3	39.7	39.7	40.3	40.3	40.3	40.3	40.3
GE 8000		17.3	17.7	23.7	31.7	32.7	32.7	38.3	39.3	39.7	39.7	40.3	40.3	40.3	40.3	40.3
GE 7000		17.3	17.7	23.7	31.7	32.7	32.7	38.3	39.3	39.7	39.7	40.3	40.3	40.3	40.3	40.3
GE 6000		17.3	17.7	23.7	32.0	33.0	33.0	38.7	39.7	40.0	40.0	40.7	40.7	40.7	40.7	40.7
GE 5000		17.7	18.0	24.0	32.3	33.3	33.3	39.0	40.0	40.3	40.3	41.0	41.0	41.0	41.0	41.0
GE 4500		17.7	18.0	24.0	32.3	33.3	33.3	39.0	40.0	40.3	40.3	41.0	41.0	41.0	41.0	41.0
GE 4000		18.3	18.7	25.0	33.3	34.3	34.3	40.0	41.0	41.3	41.3	42.0	42.0	42.0	42.0	42.0
GE 3500		18.3	18.7	25.0	33.7	34.7	34.7	40.3	41.3	41.7	41.7	42.3	42.3	42.3	42.3	42.3
GE 3000		19.3	19.7	26.0	35.0	36.0	36.0	41.7	42.7	43.3	43.3	44.0	44.0	44.0	44.0	44.0
GE 2500		20.0	20.3	26.7	36.7	37.7	37.7	43.3	44.3	45.0	45.0	45.7	45.7	45.7	45.7	45.7
GE 2000		21.0	21.3	28.0	39.7	40.7	40.7	46.3	47.3	48.0	48.0	48.7	48.7	48.7	48.7	48.7
GE 1800		21.3	21.7	28.3	40.3	41.3	41.3	47.0	48.0	48.7	48.7	49.3	49.3	49.3	49.3	49.3
GE 1500		23.3	23.7	31.0	44.0	46.3	46.3	52.0	53.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7
GE 1200		25.3	26.0	34.3	51.7	55.3	55.3	62.7	64.7	65.7	66.0	66.7	66.7	66.7	66.7	66.7
GE 1000		26.0	26.7	35.7	55.0	60.0	60.3	69.7	72.3	73.7	74.0	75.0	75.0	75.0	75.0	75.0
GE 900		26.7	27.3	36.7	57.3	63.3	63.7	76.7	80.0	81.7	82.0	83.0	83.0	83.0	83.0	83.0
GE 800		26.7	27.3	36.7	57.3	66.3	66.7	81.0	84.3	86.0	86.3	87.7	87.7	87.7	87.7	87.7
GE 700		27.0	27.7	37.0	59.3	68.7	69.0	84.3	88.0	89.7	90.0	91.7	91.7	91.7	91.7	91.7
GE 600		27.3	28.0	38.3	61.0	71.7	72.0	88.3	92.3	94.3	94.7	96.3	96.3	96.3	96.3	96.3
GE 500		27.3	28.0	38.3	61.0	71.7	72.0	89.0	93.0	95.3	95.7	97.7	97.7	97.7	97.7	97.7
GE 400		27.3	28.0	38.3	61.0	72.0	72.7	89.7	94.0	96.3	96.7	98.7	98.7	98.7	98.7	98.7
GE 300		27.3	28.0	38.3	61.0	72.0	72.7	90.0	94.3	96.7	97.0	99.0	99.3	99.3	99.3	99.3
GE 200		27.3	28.0	38.3	61.0	72.0	72.7	90.0	94.3	96.7	97.0	99.0	99.3	99.3	99.3	99.7
GE 100		27.3	28.0	38.3	61.0	72.3	73.0	90.3	94.7	97.0	97.3	99.3	99.7	99.7	99.7	100.0
GE CL		27.3	28.0	38.3	61.0	72.3	73.0	90.3	94.7	97.0	97.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		11.7	11.7	14.0	17.7	18.3	18.3	19.3	19.3	19.3	19.3	19.7	19.7	19.7	19.7	19.7
GE 25000		14.3	14.3	18.0	22.3	23.0	23.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
GE 18000		14.3	14.3	18.0	22.3	23.0	23.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
GE 16000		14.3	14.3	18.0	22.3	23.0	23.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
GE 14000		14.3	14.3	18.0	22.3	23.0	23.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
GE 12000		14.3	14.3	18.0	22.3	23.0	23.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
GE 10000		18.0	18.0	25.7	33.0	35.3	35.7	41.7	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0
GE 9000		18.0	18.0	25.7	33.0	35.3	35.7	41.7	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0
GE 8000		18.0	18.0	25.7	33.0	35.3	35.7	41.7	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0
GE 7000		18.0	18.0	25.7	33.0	35.3	35.7	41.7	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0
GE 6000		18.0	18.0	25.7	33.0	35.3	35.7	41.7	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0
GE 5000		18.0	18.0	25.7	33.3	35.7	36.0	42.0	42.3	42.7	42.7	43.0	43.0	43.0	43.0	43.3
GE 4500		18.0	18.0	25.7	33.3	35.7	36.0	42.0	42.3	42.7	42.7	43.0	43.0	43.0	43.0	43.3
GE 4000		18.3	18.3	26.0	33.7	36.0	36.3	42.3	42.7	43.0	43.0	43.3	43.3	43.3	43.3	43.7
GE 3500		18.3	18.3	26.0	33.7	36.0	36.3	42.3	42.7	43.0	43.0	43.3	43.3	43.3	43.3	43.7
GE 3000		19.3	19.3	27.3	35.7	38.0	38.3	44.3	44.7	45.0	45.0	45.3	45.3	45.3	45.3	45.7
GE 2500		20.0	20.0	28.0	37.0	39.3	39.7	45.7	46.0	46.3	46.3	46.7	46.7	46.7	46.7	47.0
GE 2000		23.3	23.3	31.7	42.0	44.3	44.7	50.7	51.0	51.3	51.7	52.0	52.0	52.0	52.0	52.3
GE 1800		24.0	24.0	33.3	44.0	46.3	46.7	53.3	53.7	54.0	54.3	54.7	54.7	54.7	54.7	55.0
GE 1500		27.0	27.0	37.7	51.3	54.7	55.0	62.3	62.7	63.0	63.3	63.7	63.7	63.7	63.7	64.0
GE 1200		30.0	30.0	41.3	58.0	61.7	62.0	71.0	72.0	72.7	73.0	73.3	73.3	73.3	73.3	73.7
GE 1000		30.7	30.7	42.3	62.3	67.0	67.3	77.7	79.3	80.7	81.0	81.3	81.3	81.3	81.3	81.7
GE 900		30.7	30.7	42.3	63.3	68.3	69.0	80.7	82.7	84.7	85.0	85.7	85.7	85.7	85.7	86.0
GE 800		30.7	30.7	42.7	65.3	72.3	73.0	85.7	87.7	89.7	90.0	91.0	91.0	91.0	91.0	91.3
GE 700		30.7	30.7	43.0	66.0	73.3	74.0	87.7	90.0	92.0	92.3	93.7	93.7	93.7	93.7	94.0
GE 600		31.0	31.0	43.3	66.7	75.7	76.3	90.7	93.0	95.0	95.3	96.7	96.7	96.7	96.7	97.0
GE 500		31.0	31.0	43.3	66.7	76.0	76.7	91.3	94.0	96.3	96.7	98.0	98.0	98.0	98.0	98.3
GE 400		31.0	31.0	43.3	66.7	76.0	76.7	92.3	95.0	97.3	97.7	99.0	99.0	99.0	99.0	99.3
GE 300		31.0	31.0	43.3	66.7	76.0	76.7	92.3	95.0	97.3	97.7	99.0	99.0	99.0	99.0	99.3
GE 200		31.0	31.0	43.3	66.7	76.0	76.7	92.3	95.0	97.3	97.7	99.0	99.0	99.0	99.0	99.3
GE 100		31.0	31.0	43.3	66.7	76.0	76.7	92.3	95.3	97.7	98.0	99.3	99.3	99.3	99.3	99.7
GE 0		31.0	31.0	43.3	67.0	76.3	77.0	92.7	95.7	98.0	98.3	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			13.4	13.4	14.7	19.1	19.4	19.4	20.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1
GE 20000			15.4	15.4	17.1	22.1	22.7	22.7	24.7	24.7	24.7	24.7	25.1	25.1	25.1	25.1	25.1
GE 18000			15.4	15.4	17.1	22.1	22.7	22.7	24.7	24.7	24.7	24.7	25.1	25.1	25.1	25.1	25.1
GE 16000			15.4	15.4	17.1	22.1	22.7	22.7	24.7	24.7	24.7	24.7	25.1	25.1	25.1	25.1	25.1
GE 14000			15.4	15.4	17.1	22.1	22.7	22.7	24.7	24.7	24.7	24.7	25.1	25.1	25.1	25.1	25.1
GE 12000			15.4	15.4	17.1	22.1	22.7	22.7	24.7	24.7	24.7	24.7	25.1	25.1	25.1	25.1	25.1
GE 10000			18.7	18.7	24.1	30.8	32.8	32.8	36.5	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 9000			18.7	18.7	24.1	30.8	32.8	32.8	36.5	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 8000			18.7	18.7	24.1	30.8	32.8	32.8	36.5	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 7000			18.7	18.7	24.1	30.8	32.8	32.8	36.5	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 6000			18.7	18.7	24.1	30.8	32.8	32.8	36.5	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 5000			19.1	19.1	24.4	31.4	33.4	33.4	37.1	37.5	37.5	37.5	37.8	37.8	37.8	37.8	38.1
GE 4500			19.4	19.4	24.7	31.8	33.8	33.8	37.5	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.5
GE 4000			19.4	19.4	25.1	32.1	34.1	34.1	37.8	38.1	38.1	38.1	38.5	38.5	38.5	38.5	38.8
GE 3500			19.4	19.4	25.1	32.1	34.1	34.1	37.8	38.1	38.1	38.1	38.5	38.5	38.5	38.5	38.8
GE 3000			20.1	20.1	26.1	33.8	35.8	35.8	39.5	39.8	39.8	39.8	40.1	40.1	40.1	40.1	40.5
GE 2500			21.1	21.1	27.4	36.8	38.8	38.8	43.1	43.5	43.5	43.5	43.8	43.8	43.8	43.8	44.1
GE 2000			23.7	23.7	30.8	41.5	43.8	43.8	48.2	48.5	48.5	48.5	48.8	48.8	48.8	48.8	49.2
GE 1800			24.7	25.1	32.1	43.5	45.8	45.8	50.2	50.5	50.5	50.5	50.8	50.8	50.8	50.8	51.2
GE 1500			27.4	28.1	35.8	50.8	53.5	54.2	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.5
GE 1200			30.1	30.8	39.8	58.2	63.5	64.2	69.6	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.6
GE 1000			30.4	31.1	40.1	61.2	69.2	69.9	77.9	78.6	78.6	78.6	78.9	78.9	78.9	78.9	79.3
GE 900			30.8	31.4	41.1	63.5	72.2	72.9	80.9	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.6
GE 800	.3		31.1	31.8	42.1	65.9	75.9	76.6	85.3	86.0	86.3	86.3	87.0	87.0	87.0	87.0	87.3
GE 700	.3		31.1	31.8	42.8	66.9	77.3	77.9	87.3	88.3	89.0	89.0	90.0	90.0	90.0	90.0	90.3
GE 600	.3		31.8	32.4	43.8	68.2	79.6	80.3	91.6	93.3	94.0	94.0	95.3	95.3	95.3	95.3	95.7
GE 500	.3		31.8	32.4	43.8	68.2	79.6	80.3	92.3	94.0	94.6	94.6	96.3	96.3	96.3	96.3	96.7
GE 400	.3		31.8	32.4	43.8	68.2	79.9	80.6	94.0	96.0	97.0	97.0	98.7	98.7	98.7	98.7	99.0
GE 300	.3		31.8	32.4	43.8	68.2	79.9	80.6	94.3	96.3	97.7	97.7	99.3	99.3	99.3	99.3	99.7
GE 200	.3		31.8	32.4	43.8	68.2	79.9	80.6	94.3	96.3	97.7	97.7	99.3	99.3	99.3	99.3	99.7
GE 100	.3		31.8	32.4	43.8	68.2	79.9	80.6	94.6	96.7	98.0	98.0	99.7	99.7	99.7	99.7	100.0
GE 0	.3		31.8	32.4	43.8	68.2	79.9	80.6	94.6	96.7	98.0	98.0	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		13.4	13.8	15.7	18.7	19.0	19.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3	20.3	20.3
GE 20000		14.8	15.1	17.4	20.7	21.3	21.3	22.6	22.6	22.6	22.6	23.0	23.0	23.0	23.0	23.0
GE 18000		14.8	15.1	17.4	20.7	21.3	21.3	22.6	22.6	22.6	22.6	23.0	23.0	23.0	23.0	23.0
GE 16000		14.8	15.1	17.4	20.7	21.3	21.3	22.6	22.6	22.6	22.6	23.0	23.0	23.0	23.0	23.0
GE 14000		14.8	15.1	17.4	20.7	21.3	21.3	22.6	22.6	22.6	22.6	23.0	23.0	23.0	23.0	23.0
GE 12000		14.8	15.1	17.4	20.7	21.3	21.3	22.6	22.6	22.6	22.6	23.0	23.0	23.0	23.0	23.0
GE 10000		18.4	18.7	23.3	29.2	30.8	30.8	33.8	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1
GE 9000		18.4	18.7	23.3	29.2	30.8	30.8	33.8	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1
GE 8000		18.4	18.7	23.3	29.2	30.8	30.8	33.8	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1
GE 7000		18.4	18.7	23.3	29.2	30.8	30.8	33.8	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1
GE 6000		18.4	18.7	23.3	29.2	30.8	30.8	33.8	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1
GE 5000		18.7	19.0	23.6	29.5	31.1	31.1	34.1	34.4	35.1	35.1	35.4	35.4	35.4	35.4	35.4
GE 4500		18.7	19.0	23.6	29.5	31.1	31.1	34.1	34.4	35.1	35.1	35.4	35.4	35.4	35.4	35.4
GE 4000		19.0	19.3	23.9	30.8	32.5	32.5	35.4	35.7	36.4	36.4	36.7	36.7	36.7	36.7	36.7
GE 3500		19.3	19.7	24.3	31.5	33.1	33.1	36.1	36.4	37.0	37.0	37.4	37.4	37.4	37.4	37.4
GE 3000		19.7	20.0	24.6	32.1	33.8	33.8	36.7	37.0	37.7	37.7	38.0	38.0	38.0	38.0	38.0
GE 2500		21.3	21.6	26.9	34.8	36.4	36.4	39.7	40.0	40.7	40.7	41.0	41.0	41.0	41.0	41.0
GE 2000		23.9	24.6	30.5	39.0	41.0	41.0	44.3	44.6	45.2	45.2	45.6	45.6	45.6	45.6	45.6
GE 1800		24.6	25.2	31.1	40.3	42.3	42.3	45.6	45.9	46.6	46.6	46.9	46.9	46.9	46.9	46.9
GE 1500		26.2	26.9	32.8	44.3	47.5	47.5	51.1	51.5	52.1	52.1	52.5	52.5	52.5	52.5	52.5
GE 1200		31.1	31.8	39.3	54.8	59.7	59.7	63.6	64.6	65.6	65.6	66.2	66.2	66.2	66.2	66.2
GE 1000		33.1	34.1	42.6	62.0	68.2	68.5	73.8	75.4	76.4	76.7	77.4	77.4	77.4	77.4	77.4
GE 900		33.8	34.8	44.3	64.6	72.5	72.8	78.7	80.3	81.3	81.6	82.3	82.3	82.3	82.3	82.3
GE 800		34.4	35.4	45.6	67.5	76.4	76.7	83.6	85.2	86.2	86.6	87.2	87.2	87.2	87.2	87.2
GE 700		34.4	35.4	45.9	67.9	78.0	78.4	86.6	88.5	89.8	90.5	91.1	91.1	91.1	91.1	91.1
GE 600		34.4	35.4	46.6	68.9	80.0	80.7	90.2	92.1	93.4	94.1	94.8	94.8	94.8	94.8	94.8
GE 500		34.4	35.4	46.6	68.9	80.3	81.0	91.1	93.4	95.1	95.7	96.4	96.4	96.4	96.4	96.4
GE 400		34.8	35.7	46.9	69.2	81.3	82.0	92.5	94.8	96.7	97.4	98.4	98.4	98.4	98.4	98.4
GE 300		34.8	35.7	46.9	69.2	81.6	82.3	93.1	95.4	97.4	98.0	99.0	99.0	99.0	99.0	99.3
GE 200		34.8	35.7	46.9	69.2	81.6	82.3	93.1	95.4	97.4	98.0	99.0	99.7	99.7	99.7	100.0
GE 100		34.8	35.7	46.9	69.2	81.6	82.3	93.1	95.4	97.4	98.0	99.0	99.7	99.7	99.7	100.0
GE 0		34.8	35.7	46.9	69.2	81.6	82.3	93.1	95.4	97.4	98.0	99.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW LSSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3	0
NO CEIL		11.3	11.4	13.6	16.4	17.0	17.0	17.7	17.7	17.7	17.7	18.2	18.3	18.3	18.3	18.3	
GE 20000		12.9	13.0	15.7	19.2	20.0	20.0	21.3	21.4	21.4	21.4	21.9	21.9	21.9	21.9	21.9	
GE 18000		12.9	13.0	15.7	19.2	20.0	20.0	21.3	21.4	21.4	21.4	21.9	21.9	21.9	21.9	21.9	
GE 16000		12.9	13.0	15.7	19.2	20.0	20.0	21.3	21.4	21.4	21.4	21.9	21.9	21.9	21.9	21.9	
GE 14000		12.9	13.0	15.7	19.2	20.0	20.0	21.3	21.4	21.4	21.4	21.9	21.9	21.9	21.9	21.9	
GE 12000		12.9	13.0	15.7	19.2	20.0	20.0	21.3	21.4	21.4	21.4	21.9	21.9	21.9	21.9	21.9	
GE 10000		16.8	17.0	22.1	28.3	30.4	30.5	33.8	34.3	34.6	34.8	35.3	35.3	35.3	35.3	35.3	
GE 9000		16.8	17.0	22.1	28.3	30.4	30.5	33.8	34.3	34.6	34.8	35.3	35.3	35.3	35.3	35.3	
GE 8000		16.8	17.0	22.1	28.3	30.4	30.5	33.8	34.3	34.6	34.8	35.3	35.3	35.3	35.3	35.3	
GE 7000		16.8	17.0	22.1	28.3	30.4	30.5	33.8	34.3	34.6	34.8	35.3	35.3	35.3	35.3	35.3	
GE 6000		16.9	17.1	22.3	28.4	30.6	30.7	33.9	34.5	34.8	34.9	35.4	35.5	35.5	35.5	35.5	
GE 5000		17.1	17.3	22.5	28.7	30.9	31.0	34.2	34.8	35.1	35.2	35.7	35.8	35.8	35.8	35.8	
GE 4500		17.1	17.3	22.5	28.8	30.9	31.0	34.3	34.8	35.1	35.3	35.8	35.8	35.8	35.8	35.8	
GE 4000		17.7	17.9	23.2	29.7	31.9	31.9	35.2	35.8	36.1	36.2	36.7	36.7	36.7	36.7	36.7	
GE 3500		17.8	18.0	23.3	29.9	32.1	32.2	35.4	36.0	36.3	36.4	36.9	37.0	37.0	37.0	37.0	
GE 3000		18.7	19.0	24.5	31.5	33.7	33.8	37.0	37.7	38.0	38.1	38.6	38.7	38.7	38.7	38.7	
GE 2500		19.7	19.9	25.7	33.4	35.6	35.7	39.2	39.8	40.2	40.3	40.8	40.8	40.8	40.8	40.8	
GE 2000		22.2	22.5	28.9	38.1	40.5	40.5	44.1	44.7	45.1	45.2	45.7	45.8	45.8	45.8	45.8	
GE 1800		22.9	23.2	29.8	39.5	41.9	42.0	45.6	46.3	46.6	46.8	47.3	47.3	47.3	47.3	47.3	
GE 1500		25.3	25.7	32.8	44.7	48.0	48.2	52.2	52.8	53.2	53.4	53.9	53.9	53.9	53.9	53.9	
GE 1200		28.8	29.3	37.9	53.3	57.8	58.0	62.9	64.2	64.6	64.8	65.4	65.4	65.4	65.4	65.4	
GE 1000		31.2	31.7	40.6	59.2	65.1	65.4	71.8	73.5	74.1	74.4	75.0	75.0	75.0	75.0	75.0	
GE 900		32.1	32.6	41.8	61.8	68.9	69.2	76.8	78.7	79.5	79.7	80.4	80.5	80.5	80.5	80.5	
GE 800	.0	32.3	32.8	42.8	64.5	73.2	73.5	81.9	83.9	84.8	85.1	85.8	85.9	85.9	85.9	85.9	
GE 700	.0	32.5	33.0	43.7	66.4	75.6	75.9	85.6	87.9	89.0	89.4	90.3	90.4	90.4	90.4	90.4	
GE 600	.0	32.9	33.4	44.7	68.3	78.4	78.9	89.7	92.1	93.3	93.8	94.8	94.8	94.8	94.8	94.8	
GE 500	.0	33.1	33.6	44.9	68.7	79.2	79.8	91.2	93.8	95.1	95.6	96.7	96.8	96.9	96.9	96.9	
GE 400	.0	33.2	33.8	45.0	68.9	79.8	80.4	92.5	95.3	96.9	97.4	98.7	98.8	98.9	98.9	98.9	
GE 300	.0	33.2	33.8	45.0	68.9	79.9	80.5	92.9	95.6	97.2	97.8	99.0	99.4	99.4	99.4	99.4	
GE 200	.0	33.2	33.8	45.0	68.9	79.9	80.5	92.9	95.7	97.3	97.9	99.1	99.6	99.7	99.7	99.7	
GE 100	.0	33.2	33.8	45.0	68.9	79.9	80.5	93.0	95.8	97.4	98.0	99.2	99.7	99.8	99.8	100.0	
GE 0	.0	33.2	33.8	45.0	68.9	80.0	80.6	93.0	95.8	97.4	98.0	99.3	99.7	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2385

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		22.7	22.7	26.0	32.2	35.2	35.5	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.6
GE 20000		24.5	24.5	27.8	34.1	37.4	37.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.2
GE 18000		24.5	24.5	27.8	34.1	37.4	37.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.2
GE 16000		24.5	24.5	27.8	34.1	37.4	37.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.2
GE 14000		24.5	24.5	27.8	34.1	37.4	37.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.2
GE 12000		24.5	24.5	27.8	34.1	37.4	37.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.2
GE 10000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 9000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 8000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 7000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 6000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 5000		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 4500		32.2	32.2	37.7	48.0	52.7	53.1	55.3	56.4	56.8	56.8	56.8	56.8	56.8	56.8	57.1
GE 4000		34.1	34.1	39.9	50.5	55.3	55.7	57.9	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.7
GE 3500		34.4	34.4	40.3	50.9	55.7	56.0	58.2	59.3	59.7	59.7	59.7	59.7	59.7	59.7	60.1
GE 3000		35.9	35.9	42.1	52.7	57.5	57.9	60.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	62.3
GE 2500		35.9	35.9	42.1	52.7	57.5	57.9	60.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	62.3
GE 2000		39.9	39.9	46.9	58.6	63.7	64.1	66.7	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.5
GE 1800		40.7	40.7	48.7	61.2	66.3	66.7	69.2	70.3	70.7	70.7	70.7	70.7	70.7	70.7	71.1
GE 1500		43.6	43.6	52.4	67.0	72.2	72.5	75.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.3
GE 1200	.4	46.5	46.5	55.7	71.8	77.7	78.4	82.1	83.2	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 1000	.4	48.7	48.7	58.6	77.3	85.3	86.1	90.1	91.2	91.9	91.9	91.9	91.9	91.9	91.9	92.3
GE 900	.4	49.1	49.1	59.0	78.4	86.4	87.2	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	94.1
GE 800	.4	49.1	49.1	59.3	79.1	87.5	88.3	93.4	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.6
GE 700	.4	49.1	49.1	59.3	79.1	87.5	88.3	94.5	96.0	96.7	96.7	96.7	96.7	96.7	96.7	97.1
GE 600	.4	49.1	49.1	59.3	79.1	88.6	89.4	96.3	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.9
GE 500	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 400	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 300	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 0	.4	49.1	49.1	59.3	79.1	88.6	89.4	97.4	98.9	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		20.6	20.6	25.3	31.7	34.5	35.2	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 20000		22.8	22.8	27.4	34.2	37.7	38.4	40.2	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000		22.8	22.8	27.4	34.2	37.7	38.4	40.2	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000		22.8	22.8	27.4	34.2	37.7	38.4	40.2	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000		22.8	22.8	27.4	34.2	37.7	38.4	40.2	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000		22.8	22.8	27.4	34.2	37.7	38.4	40.2	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 8000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 5000		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 4500		29.9	29.9	36.7	45.9	50.2	50.9	53.7	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 4000		30.6	30.6	38.4	47.7	52.0	52.7	55.5	56.9	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3500		31.0	31.0	39.1	48.4	52.7	53.4	56.2	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3000		32.4	32.4	40.9	50.2	54.4	55.2	58.0	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2500		33.1	33.1	42.7	52.0	56.2	56.9	60.1	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 2000		37.0	37.0	46.6	57.3	61.9	62.6	65.8	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1800		37.7	37.7	47.3	58.0	63.0	63.7	66.9	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 1500		39.5	39.5	49.1	62.3	67.6	68.3	71.9	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1200		42.3	42.3	52.7	67.3	73.0	73.7	77.6	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000		45.6	45.6	56.9	74.7	82.9	83.6	87.5	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900		46.3	46.3	57.7	75.8	84.7	85.4	90.0	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800		46.6	46.6	58.4	77.6	86.5	87.2	92.9	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700		47.3	47.3	59.1	78.3	87.5	88.3	95.4	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600		47.3	47.3	59.1	78.6	87.9	88.6	95.7	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		47.3	47.3	59.1	78.6	87.9	88.6	95.7	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400		47.3	47.3	59.1	78.6	87.9	88.6	96.4	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300		47.3	47.3	59.1	78.6	87.9	88.6	96.4	98.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 200		47.3	47.3	59.1	78.6	87.9	88.6	96.4	98.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 100		47.3	47.3	59.1	78.6	87.9	88.6	96.4	98.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0
GE 0		47.3	47.3	59.1	78.6	87.9	88.6	96.4	98.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 281

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE J
NO CEIL		16.3	16.3	20.7	26.7	30.0	30.4	32.2	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000		18.1	18.1	23.3	29.3	33.0	33.3	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 18000		18.1	18.1	23.3	29.3	33.0	33.3	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 16000		18.1	18.1	23.3	29.3	33.0	33.3	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 14000		18.1	18.1	23.3	29.3	33.0	33.3	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000		18.1	18.1	23.3	29.3	33.0	33.3	35.6	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 10000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 9000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 8000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 7000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 4500		24.8	24.8	32.6	40.4	46.3	46.7	50.4	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 4000		24.8	24.8	33.0	40.7	46.7	47.0	50.7	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500		24.8	24.8	33.3	41.1	47.0	47.4	51.1	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 3000		26.3	26.3	35.2	43.3	49.3	49.6	53.3	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2500		27.4	27.4	37.0	45.2	51.9	52.2	55.9	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 2000		30.7	30.7	40.7	48.9	55.9	56.3	60.0	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 1800		31.1	31.1	41.1	49.3	56.3	56.7	60.4	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 1500		33.7	33.7	43.7	53.3	60.7	61.1	65.2	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 1200		36.3	36.3	47.0	61.5	69.3	69.6	73.7	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1000		40.0	40.0	51.5	69.6	78.1	78.5	83.0	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 900		40.0	40.0	51.5	70.4	80.4	80.7	85.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800		41.1	41.1	53.3	74.8	85.6	85.9	92.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700		41.1	41.1	53.3	75.2	86.3	86.7	94.4	96.3	96.7	96.7	97.0	97.0	97.0	97.0	97.0
GE 600		41.1	41.1	53.3	75.2	86.3	86.7	94.8	96.7	97.0	97.4	97.8	97.8	97.8	97.8	97.8
GE 500		41.1	41.1	53.3	75.6	86.7	87.0	95.2	97.0	97.4	97.8	98.1	98.1	98.1	98.1	98.1
GE 400		41.1	41.1	53.3	75.9	87.0	87.4	96.3	98.1	98.5	98.9	99.3	99.3	99.3	99.3	99.3
GE 300		41.1	41.1	53.3	75.9	87.0	87.4	96.3	98.1	98.5	98.9	99.6	100.0	100.0	100.0	100.0
GE 200		41.1	41.1	53.3	75.9	87.0	87.4	96.3	98.1	98.5	98.9	99.6	100.0	100.0	100.0	100.0
GE 100		41.1	41.1	53.3	75.9	87.0	87.4	96.3	98.1	98.5	98.9	99.6	100.0	100.0	100.0	100.0
GE CI		41.1	41.1	53.3	75.9	87.0	87.4	96.3	98.1	98.5	98.9	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		9.9	9.9	15.9	21.4	25.8	25.8	28.6	29.4	30.6	30.6	30.6	31.3	31.3	31.3
GE 20000		13.5	13.9	21.4	27.4	32.5	32.5	36.9	37.7	38.9	38.9	38.9	39.7	39.7	39.7
GE 18000		13.5	13.9	21.4	27.4	32.5	32.5	36.9	37.7	38.9	38.9	38.9	39.7	39.7	39.7
GE 16000		13.5	13.9	21.4	27.4	32.5	32.5	36.9	37.7	38.9	38.9	38.9	39.7	39.7	39.7
GE 14000		13.5	13.9	21.4	27.4	32.5	32.5	36.9	37.7	38.9	38.9	38.9	39.7	39.7	39.7
GE 12000		13.5	13.9	21.4	27.4	32.5	32.5	36.9	37.7	38.9	38.9	38.9	39.7	39.7	39.7
GE 10000		16.3	16.7	26.2	35.7	43.3	43.3	49.6	51.2	52.8	52.8	52.8	53.6	53.6	53.6
GE 9000		16.3	16.7	26.2	35.7	43.3	43.3	49.6	51.2	52.8	52.8	52.8	53.6	53.6	53.6
GE 8000		16.3	16.7	26.2	35.7	43.3	43.3	49.6	51.2	52.8	52.8	52.8	53.6	53.6	53.6
GE 7000		16.3	16.7	26.2	35.7	43.3	43.3	49.6	51.2	52.8	52.8	52.8	53.6	53.6	53.6
GE 6000		16.3	16.7	26.2	35.7	43.3	43.3	49.6	51.2	52.8	52.8	52.8	53.6	53.6	53.6
GE 5000		16.3	16.7	26.2	36.1	43.7	43.7	50.0	51.6	53.2	53.2	53.2	54.0	54.0	54.0
GE 4500		16.3	16.7	26.2	36.1	43.7	43.7	50.0	51.6	53.2	53.2	53.2	54.0	54.0	54.0
GE 4000		16.7	17.1	27.0	36.9	44.4	44.4	50.8	52.4	54.0	54.0	54.0	54.8	54.8	54.8
GE 3500		17.5	17.9	27.8	37.7	45.2	45.2	51.6	53.2	54.8	54.8	54.8	55.6	55.6	55.6
GE 3000		17.5	17.9	27.8	38.5	46.0	46.0	52.8	54.4	56.0	56.0	56.0	56.7	56.7	56.7
GE 2500		18.3	18.7	29.0	39.7	47.2	47.2	54.0	55.6	57.1	57.1	57.1	57.9	57.9	57.9
GE 2000		19.4	19.8	30.2	41.3	48.8	48.8	55.6	57.1	58.7	58.7	58.7	59.5	59.5	59.5
GE 1800		20.2	20.6	31.3	42.5	50.0	50.0	57.1	58.7	60.3	60.3	60.3	61.1	61.1	61.1
GE 1500		22.6	23.0	34.5	47.6	56.0	56.0	63.1	64.7	66.3	66.3	66.3	67.1	67.1	67.1
GE 1200		23.8	24.2	36.9	53.2	62.7	62.7	71.4	73.0	75.0	75.0	75.0	75.8	75.8	75.8
GE 1000		24.6	25.0	38.1	57.5	68.7	68.7	79.8	81.3	83.3	83.3	83.3	84.1	84.1	84.1
GE 900		24.6	25.0	38.1	58.7	70.2	70.2	82.5	84.1	86.1	86.5	86.5	87.3	87.3	87.3
GE 800		24.6	25.0	39.3	60.7	73.4	73.4	86.5	88.1	90.1	90.5	90.5	91.3	91.3	91.3
GE 700		25.0	25.4	40.5	62.3	75.4	75.4	89.7	91.3	93.3	93.7	93.7	94.4	94.4	94.4
GE 600		25.0	25.4	40.9	63.1	76.2	76.2	90.9	92.9	94.8	95.2	95.2	96.0	96.0	96.0
GE 500		25.0	25.4	40.9	63.1	76.2	76.2	91.3	93.7	96.0	96.8	96.8	97.6	97.6	97.6
GE 400		25.0	25.4	40.9	63.1	76.2	76.2	91.3	94.0	96.8	98.8	98.8	99.6	99.6	99.6
GE 300		25.0	25.4	40.9	63.1	76.2	76.2	91.3	94.0	96.8	98.8	98.8	100.0	100.0	100.0
GE 200		25.0	25.4	40.9	63.1	76.2	76.2	91.3	94.0	96.8	98.8	98.8	100.0	100.0	100.0
GE 100		25.0	25.4	40.9	63.1	76.2	76.2	91.3	94.0	96.8	98.8	98.8	100.0	100.0	100.0
GE 0		25.0	25.4	40.9	63.1	76.2	76.2	91.3	94.0	96.8	98.8	98.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 252

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		16.7	16.7	17.6	24.3	28.6	28.6	32.2	33.0	34.4	34.8	34.8	34.8	34.8	34.8	34.6
GE 20000		23.9	23.9	26.4	33.0	38.4	38.4	42.4	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9
GE 18000		23.9	23.9	26.4	33.0	38.4	38.4	42.4	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9
GE 16000		23.9	23.9	26.4	33.0	38.4	38.4	42.4	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9
GE 14000		23.9	23.9	26.4	33.0	38.4	38.4	42.4	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9
GE 12000		23.9	23.9	26.4	33.0	38.4	38.4	42.4	43.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 9000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 8000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 7000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 6000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 5000		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 4500		33.0	33.0	38.4	47.5	54.0	54.0	59.1	60.9	62.3	62.7	63.0	63.0	63.0	63.0	63.0
GE 4000		33.7	33.7	39.1	48.2	54.7	54.7	59.8	61.6	63.0	63.4	63.8	63.8	63.8	63.8	63.8
GE 3500		33.7	33.7	39.1	48.2	54.7	54.7	60.1	62.0	63.4	63.8	64.1	64.1	64.1	64.1	64.1
GE 3000		34.4	34.4	39.9	48.9	55.4	55.4	60.9	62.7	64.1	64.5	64.9	64.9	64.9	64.9	64.9
GE 2500		35.1	35.1	40.9	50.0	56.5	56.5	62.0	63.8	65.2	65.6	65.9	65.9	65.9	65.9	65.9
GE 2000		37.3	37.3	43.5	52.9	59.4	59.4	64.9	66.7	68.1	68.5	68.8	68.8	68.8	68.8	68.8
GE 1800		38.4	38.4	44.9	55.4	62.3	62.3	67.8	69.6	71.0	71.4	71.7	71.7	71.7	71.7	71.7
GE 1500		40.9	40.9	47.8	59.1	66.3	66.3	71.7	73.6	75.0	75.4	75.7	75.7	75.7	75.7	75.7
GE 1200		42.0	42.0	49.6	64.5	72.1	72.1	78.6	80.4	81.9	82.2	82.6	82.6	82.6	82.6	82.6
GE 1000		42.8	42.8	51.1	68.5	78.3	78.3	87.0	89.1	90.6	90.9	91.3	91.3	91.3	91.3	91.3
GE 900		43.1	43.1	51.4	69.6	79.3	79.3	89.1	91.7	93.1	93.5	93.8	93.8	93.8	93.8	93.8
GE 800		43.1	43.1	51.4	69.9	79.7	79.7	89.9	92.4	94.2	94.6	94.9	94.9	94.9	94.9	94.9
GE 700		43.1	43.1	51.4	69.9	80.1	80.1	91.7	94.2	96.0	96.4	96.7	96.7	96.7	96.7	96.7
GE 600		43.1	43.1	51.8	70.3	80.4	80.4	93.5	96.0	98.2	98.6	98.9	98.9	98.9	98.9	98.9
GE 500		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	98.6	98.9	99.3	99.3	99.3	99.3	99.3
GE 400		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6
GE 300		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 200		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 100		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0
GE 0		43.1	43.1	51.8	70.3	80.8	80.8	93.8	96.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		25.6	25.6	27.1	33.3	35.5	35.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000		33.3	33.3	35.2	42.5	45.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000		33.3	33.3	35.2	42.5	45.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 16000		33.3	33.3	35.2	42.5	45.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 14000		33.3	33.3	35.2	42.5	45.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 12000		33.3	33.3	35.2	42.5	45.4	45.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000		39.6	39.6	43.2	54.6	59.3	59.3	61.2	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3
GE 9000		39.6	39.6	43.2	54.6	59.3	59.3	61.2	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3
GE 8000		39.6	39.6	43.2	54.6	59.3	59.3	61.2	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3
GE 7000		39.6	39.6	43.2	54.6	59.3	59.3	61.2	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3
GE 6000		39.6	39.6	43.2	54.6	59.3	59.3	61.2	61.5	61.9	61.9	62.3	62.3	62.3	62.3	62.3
GE 5000		39.6	39.6	43.6	54.9	59.7	59.7	61.5	61.9	62.3	62.3	62.6	62.6	62.6	62.6	62.6
GE 4500		39.6	39.6	43.6	54.9	59.7	59.7	61.5	61.9	62.3	62.3	62.6	62.6	62.6	62.6	62.6
GE 4000		39.9	39.9	44.0	55.3	60.1	60.1	61.9	62.3	62.6	62.6	63.0	63.0	63.0	63.0	63.0
GE 3500		40.3	40.3	44.3	55.7	60.4	60.4	62.3	62.6	63.0	63.0	63.4	63.4	63.4	63.4	63.4
GE 3000		41.0	41.0	45.1	56.4	61.2	61.2	63.0	63.4	63.7	63.7	64.1	64.1	64.1	64.1	64.1
GE 2500		42.1	42.1	46.5	57.9	62.6	62.6	64.8	65.2	65.6	65.6	65.9	65.9	65.9	65.9	65.9
GE 2000		46.2	46.2	50.9	64.5	69.6	69.6	72.2	72.5	72.9	72.9	73.3	73.3	73.3	73.3	73.3
GE 1800		48.0	48.0	53.1	67.4	72.5	72.5	75.1	75.5	75.8	75.8	76.2	76.2	76.2	76.2	76.2
GE 1500		51.6	51.6	57.1	72.5	78.4	78.4	81.3	81.7	82.1	82.1	82.4	82.4	82.4	82.4	82.4
GE 1200		53.8	53.8	59.7	76.6	83.5	83.5	87.9	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0
GE 1000		54.2	54.2	60.4	78.8	86.8	86.8	92.3	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4
GE 900		54.2	54.2	60.4	79.1	87.2	87.2	93.8	94.1	94.9	94.9	95.2	95.2	95.2	95.2	95.2
GE 800		54.2	54.2	60.4	79.1	87.2	87.2	94.9	95.2	96.3	96.3	96.7	96.7	96.7	96.7	96.7
GE 700		54.2	54.2	60.8	79.9	88.6	88.6	96.7	97.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5
GE 600		54.2	54.2	60.8	79.9	88.6	88.6	96.7	97.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5
GE 500		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9
GE 400		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 300		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 200		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.8	99.3	99.3	99.6	100.0	100.0	100.0	100.0
GE 100		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.8	99.3	99.3	99.6	100.0	100.0	100.0	100.0
GE 0		54.2	54.2	60.8	79.9	88.6	88.6	97.1	97.8	99.3	99.3	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(EST): 1800-2000

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE C
NO CEIL		22.8	22.8	24.3	30.8	34.4	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000		30.4	30.4	31.9	40.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 18000		30.4	30.4	31.9	40.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 16000		30.4	30.4	31.9	40.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 14000		30.4	30.4	31.9	40.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 12000		30.4	30.4	31.9	40.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000		38.4	38.4	41.7	52.2	57.2	57.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000		38.4	38.4	41.7	52.2	57.2	57.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000		38.4	38.4	41.7	52.2	57.2	57.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 7000		38.4	38.4	41.7	52.2	57.2	57.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000		38.4	38.4	41.7	52.2	57.2	57.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 5000		38.8	38.8	42.0	52.9	58.0	58.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4500		38.8	38.8	42.0	52.9	58.0	58.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4000		40.2	40.2	43.5	54.3	59.4	59.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500		40.6	40.6	43.8	54.7	59.8	59.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3000		42.0	42.0	45.3	56.5	61.6	61.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2500		42.8	42.8	46.4	57.6	63.0	63.0	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 2000		48.2	48.2	52.5	64.9	70.7	70.7	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1800		48.6	48.6	53.3	67.0	72.8	72.8	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1500	.4	52.2	52.2	58.7	74.6	81.5	81.5	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	.4	54.7	54.7	61.6	78.6	85.9	86.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	.4	54.7	54.7	61.6	79.0	87.3	87.7	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	.4	54.7	54.7	61.6	79.0	87.3	87.7	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	.4	54.7	54.7	61.6	79.3	88.0	88.4	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	.4	54.7	54.7	61.6	79.7	88.8	89.1	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.1	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
GE 500	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.1	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
GE 400	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9
GE 300	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.5	98.6	98.6	98.6	98.9	100.0	100.0	100.0	100.0
GE 200	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.5	98.6	98.6	98.6	98.9	100.0	100.0	100.0	100.0
GE 100	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.5	98.6	98.6	98.6	98.9	100.0	100.0	100.0	100.0
GE 0	.4	54.7	54.7	62.0	80.1	89.1	89.5	97.5	98.6	98.6	98.6	98.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		25.0	25.4	27.9	34.2	36.4	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 2000		30.9	31.3	33.8	40.4	43.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1800		30.9	31.3	33.8	40.4	43.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1600		30.9	31.3	33.8	40.4	43.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1400		30.9	31.3	33.8	40.4	43.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1200		30.9	31.3	33.8	40.4	43.0	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1000		37.5	37.9	43.0	51.8	56.3	56.6	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 900		37.5	37.9	43.0	51.8	56.3	56.6	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 800		37.5	37.9	43.0	51.8	56.3	56.6	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 700		37.5	37.9	43.0	51.8	56.3	56.6	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 600		37.5	37.9	43.0	51.8	56.3	56.6	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 500		37.9	38.2	43.4	52.2	56.6	57.0	57.7	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 450		37.9	38.2	43.4	52.2	56.6	57.0	57.7	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 400		38.6	39.0	44.5	53.7	58.5	58.8	59.9	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 350		39.3	39.7	45.2	54.4	59.2	59.6	60.7	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 300		40.8	41.2	46.7	55.9	60.7	61.4	62.5	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 250		41.9	42.3	48.2	58.8	63.6	64.3	65.4	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 200		44.9	45.2	51.1	63.6	68.8	69.5	70.6	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 180		44.9	45.2	51.8	65.1	70.2	71.0	72.1	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 150		47.4	47.8	54.4	69.1	74.3	75.0	76.5	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 120		50.7	51.1	58.1	77.2	83.1	83.8	85.7	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 100		51.1	51.5	59.6	80.5	88.2	89.0	90.8	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3
GE 90		51.1	51.5	59.9	82.0	90.1	90.8	93.0	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5
GE 80		51.1	51.5	59.9	82.4	91.5	92.3	94.5	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0
GE 70		51.1	51.5	59.9	82.4	91.9	92.6	95.6	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1
GE 60		51.1	51.5	59.9	82.4	91.9	92.6	96.0	96.7	97.4	97.8	97.8	97.8	97.8	97.8	97.8
GE 50		51.1	51.5	59.9	82.4	91.9	92.6	96.3	97.1	97.8	98.2	98.2	98.2	98.2	98.2	98.2
GE 40		51.1	51.5	59.9	82.4	91.9	92.6	96.7	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5
GE 30		51.1	51.5	59.9	82.4	91.9	92.6	96.7	97.4	98.2	98.5	98.5	98.5	99.3	99.3	99.3
GE 20		51.1	51.5	59.9	82.7	92.3	93.0	97.1	97.8	98.5	98.9	98.9	99.6	100.0	100.0	100.0
GE 10		51.1	51.5	59.9	82.7	92.3	93.0	97.1	97.8	98.5	98.9	98.9	99.6	100.0	100.0	100.0
GE 0		51.1	51.5	59.9	82.7	92.3	93.0	97.1	97.8	98.5	98.9	98.9	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(UT): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			20.1	20.1	23.2	29.4	32.6	32.9	34.4	34.7	35.1	35.2	35.2	35.3	35.3	35.3	35.3
GE 20000			24.8	24.9	28.5	35.3	39.1	39.3	41.2	41.6	42.0	42.1	42.1	42.2	42.2	42.2	42.2
GE 18000			24.8	24.9	28.5	35.3	39.1	39.3	41.2	41.6	42.0	42.1	42.1	42.2	42.2	42.2	42.2
GE 16000			24.8	24.9	28.5	35.3	39.1	39.3	41.2	41.6	42.0	42.1	42.1	42.2	42.2	42.2	42.2
GE 14000			24.8	24.9	28.5	35.3	39.1	39.3	41.2	41.6	42.0	42.1	42.1	42.2	42.2	42.2	42.2
GE 12000			24.8	24.9	28.5	35.3	39.1	39.3	41.2	41.6	42.0	42.1	42.1	42.2	42.2	42.2	42.2
GE 10000			31.6	31.7	37.6	47.1	52.5	52.7	55.8	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.9
GE 9000			31.6	31.7	37.6	47.1	52.5	52.7	55.8	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.9
GE 8000			31.6	31.7	37.6	47.1	52.5	52.7	55.8	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.9
GE 7000			31.6	31.7	37.6	47.1	52.5	52.7	55.8	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.9
GE 6000			31.6	31.7	37.6	47.1	52.5	52.7	55.8	57.0	57.6	57.7	57.8	57.8	57.8	57.8	57.9
GE 5000			31.7	31.8	37.7	47.4	52.7	53.0	56.1	57.2	57.8	57.9	58.0	58.1	58.1	58.1	58.1
GE 4500			31.7	31.8	37.7	47.4	52.7	53.0	56.1	57.2	57.8	57.9	58.0	58.1	58.1	58.1	58.1
GE 4000			32.5	32.6	38.8	48.6	54.0	54.2	57.3	58.5	59.1	59.2	59.3	59.4	59.4	59.4	59.4
GE 3500			32.9	32.9	39.3	49.0	54.4	54.7	57.8	59.0	59.6	59.7	59.8	59.9	59.9	59.9	59.9
GE 3000			34.0	34.1	40.5	50.4	55.9	56.1	59.4	60.6	61.2	61.3	61.3	61.4	61.4	61.4	61.5
GE 2500			34.7	34.8	41.7	51.9	57.4	57.7	61.1	62.2	62.9	62.9	63.0	63.1	63.1	63.1	63.1
GE 2000			38.2	38.2	45.5	56.6	62.5	62.8	66.2	67.3	68.0	68.0	68.1	68.2	68.2	68.2	68.2
GE 1800			38.9	39.0	46.6	58.4	64.3	64.6	68.1	69.2	69.9	69.9	70.0	70.1	70.1	70.1	70.1
GE 1500	.0		41.6	41.7	49.9	63.4	69.8	70.0	73.8	75.0	75.6	75.7	75.7	75.8	75.8	75.8	75.9
GE 1200	.1		44.0	44.1	52.8	69.0	76.0	76.4	81.0	82.2	83.0	83.0	83.1	83.2	83.2	83.2	83.2
GE 1000	.1		45.4	45.5	54.9	73.4	82.1	82.5	88.0	89.3	90.1	90.2	90.2	90.3	90.3	90.3	90.4
GE 900	.1		45.6	45.7	55.1	74.3	83.3	83.7	90.2	91.5	92.3	92.3	92.5	92.6	92.6	92.6	92.7
GE 800	.1		45.8	45.9	55.6	75.5	85.0	85.4	92.6	93.9	94.8	94.9	95.0	95.1	95.1	95.1	95.2
GE 700	.1		45.9	46.0	55.9	76.0	85.9	86.2	94.4	95.8	96.7	96.8	97.0	97.1	97.1	97.1	97.1
GE 600	.1		45.9	46.0	56.1	76.2	86.2	86.6	95.2	96.6	97.7	97.8	98.0	98.1	98.1	98.1	98.2
GE 500	.1		45.9	46.0	56.1	76.3	86.3	86.7	95.5	97.1	98.1	98.3	98.5	98.6	98.6	98.6	98.7
GE 400	.1		45.9	46.0	56.1	76.3	86.4	86.7	95.9	97.5	98.7	99.0	99.2	99.3	99.3	99.3	99.4
GE 300	.1		45.9	46.0	56.1	76.3	86.4	86.7	95.9	97.5	98.7	99.1	99.3	99.8	99.8	99.8	99.9
GE 200	.1		45.9	46.0	56.1	76.3	86.4	86.8	95.9	97.5	98.8	99.1	99.4	99.9	100.0	100.0	100.0
GE 100	.1		45.9	46.0	56.1	76.3	86.4	86.8	95.9	97.5	98.8	99.1	99.4	99.9	100.0	100.0	100.0
GE 0	.1		45.9	46.0	56.1	76.3	86.4	86.8	95.9	97.5	98.8	99.1	99.4	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2173

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	3	2
NO CEIL		31.5	31.5	34.6	36.6	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000		35.6	35.6	38.6	41.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 18000		35.6	35.6	38.6	41.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000		35.6	35.6	38.6	41.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 14000		35.6	35.6	38.6	41.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000		35.6	35.6	38.6	41.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 10000		44.0	44.0	48.0	54.0	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000		44.0	44.0	48.0	54.0	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000		44.0	44.0	48.0	54.0	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000		44.0	44.0	48.0	54.0	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 6000		44.0	44.0	48.0	54.0	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000		45.0	45.0	49.0	55.0	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500		45.0	45.0	49.0	55.0	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000		46.3	46.3	51.0	57.0	60.7	60.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 3500		46.3	46.3	51.3	57.4	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000		48.7	48.7	53.7	60.1	64.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 2500		49.7	49.7	54.7	61.1	65.8	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 2000		51.7	51.7	57.0	65.1	69.8	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1800		52.3	52.3	57.7	66.1	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1500		54.7	54.7	60.1	69.5	74.5	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1200		56.7	56.7	62.8	74.2	80.9	80.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000		57.4	57.4	63.8	76.2	83.6	83.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900		58.4	58.4	64.8	77.5	85.2	85.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800		58.4	58.4	65.4	78.9	87.6	87.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700		58.4	58.4	65.4	79.2	88.3	88.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600		58.4	58.4	65.4	79.5	89.6	89.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500		58.4	58.4	65.4	79.5	89.9	89.9	99.0	99.0	99.0	99.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 400		58.4	58.4	65.4	79.5	89.9	89.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		58.4	58.4	65.4	79.5	89.9	89.9	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200		58.4	58.4	65.4	79.5	89.9	89.9	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100		58.4	58.4	65.4	79.5	89.9	89.9	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0		58.4	58.4	65.4	79.5	89.9	89.9	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.3	25.9	25.9	29.6	33.8	36.1	36.4	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	.3	30.5	30.5	34.8	38.7	41.0	41.3	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	.3	30.5	30.5	34.8	38.7	41.0	41.3	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	.3	30.5	30.5	34.8	38.7	41.0	41.3	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	.3	30.5	30.5	34.8	38.7	41.0	41.3	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 12000	.3	30.5	30.5	34.8	38.7	41.0	41.3	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	.3	38.7	38.7	45.6	52.8	56.7	57.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	.3	38.7	38.7	45.6	52.8	56.7	57.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	.3	38.7	38.7	45.6	52.8	56.7	57.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 7000	.3	38.7	38.7	45.6	52.8	56.7	57.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	.3	38.7	38.7	45.6	52.8	56.7	57.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 5000	.3	39.3	39.3	46.2	53.4	57.4	57.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 4500	.3	39.3	39.3	46.2	53.4	57.4	57.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 4000	.3	41.6	41.6	48.5	56.4	60.3	60.7	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	.3	41.6	41.6	48.5	56.4	60.7	61.0	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3000	.3	43.0	43.0	49.8	57.7	62.0	62.3	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 2500	.3	43.9	43.9	51.1	59.3	63.6	63.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 2000	.3	46.2	46.2	53.8	63.3	67.9	68.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1800	.3	46.2	46.2	53.8	63.3	67.9	68.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1500	.3	47.2	47.2	55.1	66.2	71.1	71.5	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1200	.3	49.2	49.2	57.4	69.5	75.4	75.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1000	.3	51.1	51.1	59.3	74.1	80.7	81.0	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 900	.3	51.8	51.8	60.0	75.4	82.3	82.6	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	.3	51.8	51.8	60.0	75.7	84.3	84.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	.3	52.1	52.1	60.7	76.7	85.6	85.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	.3	52.1	52.1	60.7	77.0	86.9	87.2	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	.3	52.1	52.1	60.7	77.4	87.5	87.9	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	.3	52.1	52.1	60.7	77.4	87.5	87.9	97.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	.3	52.1	52.1	60.7	77.4	87.5	87.9	98.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 200	.3	52.1	52.1	60.7	77.4	87.5	87.9	98.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	.3	52.1	52.1	60.7	77.4	87.5	87.9	98.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 0	.3	52.1	52.1	60.7	77.4	87.5	87.9	98.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		23.0	23.0	28.0	31.3	33.3	33.3	34.3	34.3	34.7	34.7	35.0	35.0	35.0	35.0	35.0
GE 20000		25.0	25.0	30.7	35.0	37.3	37.3	38.3	38.3	38.7	38.7	39.0	39.0	39.0	39.0	39.0
GE 18000		25.0	25.0	30.7	35.0	37.3	37.3	38.3	38.3	38.7	38.7	39.0	39.0	39.0	39.0	39.0
GE 16000		25.0	25.0	30.7	35.0	37.3	37.3	38.3	38.3	38.7	38.7	39.0	39.0	39.0	39.0	39.0
GE 14000		25.0	25.0	30.7	35.0	37.3	37.3	38.3	38.3	38.7	38.7	39.0	39.0	39.0	39.0	39.0
GE 12000		25.0	25.0	30.7	35.0	37.3	37.3	38.3	38.3	38.7	38.7	39.0	39.0	39.0	39.0	39.0
GE 10000		33.0	33.0	41.3	48.7	51.7	52.0	54.3	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3
GE 9000		33.0	33.0	41.3	48.7	51.7	52.0	54.3	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3
GE 8000		33.0	33.0	41.3	48.7	51.7	52.0	54.3	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3
GE 7000		33.0	33.0	41.3	48.7	51.7	52.0	54.3	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3
GE 6000		33.0	33.0	41.3	48.7	51.7	52.0	54.3	54.7	55.0	55.0	55.3	55.3	55.3	55.3	55.3
GE 5000		34.0	34.0	42.7	50.0	53.0	53.3	55.7	56.0	56.3	56.3	56.7	56.7	56.7	56.7	56.7
GE 4500		34.0	34.0	42.7	50.0	53.0	53.3	55.7	56.0	56.3	56.3	56.7	56.7	56.7	56.7	56.7
GE 4000		34.3	34.3	43.0	50.7	53.7	54.0	56.3	56.7	57.0	57.0	57.3	57.3	57.3	57.3	57.3
GE 3500		34.7	34.7	43.3	51.0	54.0	54.3	56.7	57.0	57.3	57.3	57.7	57.7	57.7	57.7	57.7
GE 3000		36.3	36.3	45.0	53.3	56.7	57.0	59.7	60.0	60.3	60.3	60.7	60.7	60.7	60.7	60.7
GE 2500		37.7	37.7	46.7	55.3	59.0	59.3	62.0	62.3	62.7	62.7	63.0	63.0	63.0	63.0	63.0
GE 2000		40.3	40.3	49.7	59.3	63.0	63.3	66.0	66.3	66.7	66.7	67.0	67.0	67.0	67.0	67.0
GE 1800		40.7	40.7	50.0	59.7	63.7	64.0	66.7	67.0	67.3	67.3	67.7	67.7	67.7	67.7	67.7
GE 1500		41.3	41.3	51.0	61.3	66.0	66.3	69.7	70.0	70.3	70.3	71.0	71.0	71.0	71.0	71.0
GE 1200		44.0	44.0	53.7	65.7	71.3	71.7	75.3	75.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7
GE 1000		46.7	46.7	56.7	71.0	77.3	77.7	83.0	83.3	83.7	83.7	84.3	84.3	84.3	84.3	84.3
GE 900		47.7	47.7	58.3	74.7	82.0	82.3	88.0	88.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3
GE 800		47.7	47.7	58.7	75.0	83.3	83.7	90.7	91.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0
GE 700		47.7	47.7	58.7	75.0	84.3	84.7	93.0	93.7	94.0	94.0	94.7	94.7	94.7	94.7	94.7
GE 600		48.0	48.0	59.0	75.3	85.0	85.3	94.7	95.7	96.0	96.0	96.7	96.7	96.7	96.7	96.7
GE 500		48.0	48.0	59.0	75.7	85.3	85.7	95.0	96.0	96.3	96.3	97.0	97.0	97.0	97.0	97.0
GE 400		48.0	48.0	59.0	75.7	85.3	85.7	96.0	97.0	97.7	97.7	98.3	98.7	98.7	98.7	98.7
GE 300		48.0	48.0	59.0	75.7	85.3	85.7	96.3	97.3	98.3	98.3	99.3	100.0	100.0	100.0	100.0
GE 200		48.0	48.0	59.0	75.7	85.3	85.7	96.3	97.3	98.3	98.3	99.3	100.0	100.0	100.0	100.0
GE 100		48.0	48.0	59.0	75.7	85.3	85.7	96.3	97.3	98.3	98.3	99.3	100.0	100.0	100.0	100.0
GE 0		48.0	48.0	59.0	75.7	85.3	85.7	96.3	97.3	98.3	98.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	19.9	19.9	25.1	32.1	34.3	34.7	36.2	36.2	36.2	36.2	36.9	36.9	36.9	36.9	36.9
GE 20000	23.2	23.2	29.5	37.6	39.9	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
GE 18000	23.2	23.2	29.5	37.6	39.9	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
GE 16000	23.2	23.2	29.5	37.6	39.9	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
GE 14000	23.2	23.2	29.5	37.6	39.9	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
GE 12000	23.2	23.2	29.5	37.6	39.9	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
GE 10000	29.9	29.9	36.2	47.2	50.9	51.3	54.2	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5
GE 9000	29.9	29.9	36.2	47.2	50.9	51.3	54.2	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5
GE 8000	29.9	29.9	36.2	47.2	50.9	51.3	54.2	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5
GE 7000	29.9	29.9	36.2	47.2	50.9	51.3	54.2	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5
GE 6000	29.9	29.9	36.2	47.2	50.9	51.3	54.2	55.4	55.7	55.7	56.5	56.5	56.5	56.5	56.5
GE 5000	31.0	31.0	37.6	48.7	52.4	52.8	55.7	56.8	57.2	57.2	57.9	57.9	57.9	57.9	57.9
GE 4500	31.4	31.4	38.0	49.1	52.8	53.1	56.1	57.2	57.6	57.6	58.3	58.3	58.3	58.3	58.3
GE 4000	32.5	32.5	39.5	50.6	54.2	54.6	57.6	58.7	59.0	59.0	59.8	59.8	59.8	59.8	59.8
GE 3500	32.8	32.8	39.9	50.9	54.6	55.0	57.9	59.0	59.4	59.4	60.1	60.1	60.1	60.1	60.1
GE 3000	33.9	33.9	41.0	52.4	56.5	56.8	59.8	60.9	61.3	61.3	62.0	62.0	62.0	62.0	62.0
GE 2500	33.9	33.9	41.0	52.8	56.8	57.2	60.5	61.6	62.0	62.0	62.7	62.7	62.7	62.7	62.7
GE 2000	36.5	36.5	43.5	55.7	60.5	60.9	64.2	65.3	65.7	65.7	66.4	66.4	66.4	66.4	66.4
GE 1800	37.3	37.3	44.3	56.5	61.3	61.6	64.9	66.1	66.4	66.4	67.2	67.2	67.2	67.2	67.2
GE 1500	39.5	39.5	47.2	60.5	66.4	66.8	70.5	71.6	72.0	72.0	72.7	72.7	72.7	72.7	72.7
GE 1200	41.0	41.0	49.4	63.8	70.5	70.8	75.6	76.8	77.1	77.1	77.9	77.9	77.9	77.9	77.9
GE 1000	41.0	41.0	49.4	64.6	73.1	73.4	81.9	83.0	83.4	83.4	84.1	84.1	84.1	84.1	84.1
GE 900	41.3	41.3	49.8	65.7	74.2	74.5	83.0	84.1	84.9	84.9	85.6	85.6	85.6	85.6	85.6
GE 800	41.3	41.3	50.2	66.8	76.8	77.1	86.0	87.1	87.8	87.8	88.6	88.6	88.6	88.6	88.6
GE 700	41.3	41.3	50.2	67.5	78.6	79.0	89.3	90.4	91.5	91.5	92.3	92.3	92.3	92.3	92.3
GE 600	41.3	41.3	50.2	67.9	79.0	79.3	91.5	93.0	95.2	95.2	95.9	95.9	95.9	95.9	95.9
GE 500	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.1	96.7	96.7	97.4	97.4	97.4	97.4	97.4
GE 400	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.8	97.4	97.8	98.5	98.9	98.9	98.9	98.9
GE 300	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.8	97.4	97.8	98.5	100.0	100.0	100.0	100.0
GE 200	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.8	97.4	97.8	98.5	100.0	100.0	100.0	100.0
GE 100	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.8	97.4	97.8	98.5	100.0	100.0	100.0	100.0
GE 0	41.3	41.3	50.2	67.9	79.0	79.3	92.6	94.8	97.4	97.8	98.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		26.8	26.8	28.5	33.4	35.8	35.8	36.1	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 20000		32.5	32.5	34.4	40.4	42.7	42.7	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 18000		32.5	32.5	34.4	40.4	42.7	42.7	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 16000		32.5	32.5	34.4	40.4	42.7	42.7	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 14000		32.5	32.5	34.4	40.4	42.7	42.7	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000		32.5	32.5	34.4	40.4	42.7	42.7	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 10000		40.7	40.7	43.0	51.7	56.0	56.0	57.9	57.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000		40.7	40.7	43.0	51.7	56.0	56.0	57.9	57.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000		40.7	40.7	43.0	51.7	56.0	56.0	57.9	57.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 7000		41.1	41.1	43.4	52.0	56.3	56.3	58.3	58.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000		41.1	41.1	43.4	52.0	56.3	56.3	58.3	58.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 5000		41.1	41.1	43.4	52.0	56.3	56.3	58.3	58.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500		41.1	41.1	43.4	52.0	56.3	56.3	58.3	58.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000		43.0	43.0	45.4	54.0	58.3	58.3	60.3	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3500		43.0	43.0	45.4	54.0	58.3	58.3	60.3	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 3000		44.7	44.7	47.0	55.6	59.9	59.9	61.9	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 2500		47.4	47.4	51.0	59.9	64.2	64.2	66.2	66.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000		50.7	50.7	54.3	63.6	68.2	68.2	70.2	70.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 1800		51.0	51.0	54.6	64.6	69.2	69.2	71.2	71.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 1500		52.3	52.3	56.3	67.2	72.5	72.5	74.5	74.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1200	.3	53.6	53.6	58.3	70.9	77.8	78.1	80.5	80.5	81.8	81.8	82.1	82.1	82.1	82.1	82.1
GE 1000	.3	54.6	54.6	59.6	73.8	82.8	83.1	86.8	87.1	88.4	88.7	89.1	89.1	89.1	89.1	89.1
GE 900	.3	54.6	54.6	59.6	74.2	83.4	83.8	88.7	89.1	90.4	90.7	91.1	91.1	91.1	91.1	91.1
GE 800	.3	54.6	54.6	59.9	75.2	85.1	85.4	91.7	92.1	93.7	94.0	94.4	94.4	94.4	94.4	94.4
GE 700	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.4	94.7	96.4	97.0	97.4	97.4	97.4	97.4	97.4
GE 600	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.4	95.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0
GE 500	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3
GE 400	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.3	99.0	99.3	99.3	99.3	99.3
GE 300	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.3	99.3	100.0	100.0	100.0	100.0
GE 200	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.3	99.3	100.0	100.0	100.0	100.0
GE 100	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.3	99.3	100.0	100.0	100.0	100.0
GE 0	.3	54.6	54.6	59.9	75.5	85.8	86.1	94.7	95.4	97.4	98.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	28.7	28.7	29.4	31.0	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	36.6	36.6	38.0	40.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	36.6	36.6	38.0	40.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	36.6	36.6	38.0	40.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	36.6	36.6	38.0	40.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	36.6	36.6	38.0	40.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	44.6	44.6	46.2	49.5	51.8	51.8	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 9000	44.6	44.6	46.2	49.5	51.8	51.8	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 8000	44.6	44.6	46.2	49.5	51.8	51.8	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 7000	44.6	44.6	46.2	49.5	51.8	51.8	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 6000	44.6	44.6	46.2	49.5	51.8	51.8	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	44.9	44.9	46.9	50.2	52.5	52.5	54.1	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	44.9	44.9	46.9	50.2	52.5	52.5	54.1	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4000	46.9	46.9	49.2	52.8	55.1	55.1	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3500	46.9	46.9	49.2	52.8	55.1	55.1	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 3000	50.5	50.5	52.8	56.8	59.4	59.4	61.1	61.4	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0
GE 2500	53.1	53.1	56.4	60.7	63.4	63.4	65.0	65.3	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0
GE 2000	58.4	58.4	62.0	68.0	71.3	71.3	73.3	73.6	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3
GE 1800	59.7	59.7	63.4	69.3	72.6	72.6	74.9	75.2	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9
GE 1500	62.4	62.4	66.3	73.6	77.2	77.2	79.5	79.9	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	64.7	64.7	70.3	79.9	84.8	84.8	87.1	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	64.7	64.7	70.3	81.2	87.8	87.8	91.7	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	64.7	64.7	70.3	81.5	89.1	89.1	93.1	94.1	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	65.0	65.0	71.0	82.2	90.1	90.1	94.4	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	65.0	65.0	71.0	82.2	90.1	90.1	94.7	96.0	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	65.0	65.0	71.0	82.5	90.4	90.4	95.0	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	65.0	65.0	71.0	82.5	90.4	90.4	95.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1830-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		30.7	30.7	31.0	32.3	32.7	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000		36.3	36.3	37.0	38.9	39.6	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 18000		36.3	36.3	37.0	38.9	39.6	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000		36.3	36.3	37.0	38.9	39.6	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 14000		36.3	36.3	37.0	38.9	39.6	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000		36.3	36.3	37.0	38.9	39.6	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 10000		46.5	46.5	48.2	53.1	55.1	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000		46.5	46.5	48.2	53.1	55.1	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000		46.5	46.5	48.2	53.1	55.1	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 7000		46.5	46.5	48.2	53.1	55.1	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 6000		46.5	46.5	48.2	53.1	55.1	55.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 5000		47.2	47.2	48.8	53.8	55.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500		47.2	47.2	48.8	53.8	55.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4000		50.2	50.2	51.8	56.8	59.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 3500		51.2	51.2	53.1	58.1	60.7	61.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000		52.8	52.8	54.8	59.7	62.4	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 2500		57.4	57.4	59.4	64.7	67.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2000		60.4	60.4	63.4	69.6	72.9	73.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1800		61.4	61.4	64.7	71.3	74.6	74.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500		62.4	62.4	66.3	74.6	78.2	78.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1200		63.7	63.7	68.3	77.6	82.2	82.5	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000		64.4	64.4	69.0	79.5	85.5	85.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900		64.4	64.4	69.0	79.9	86.1	86.5	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800		64.4	64.4	69.0	80.2	86.8	87.1	94.4	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700		64.4	64.4	69.0	80.5	87.1	87.5	95.4	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600		64.4	64.4	69.0	80.5	87.1	87.5	96.4	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500		64.4	64.4	69.0	80.5	87.1	87.5	96.7	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400		64.4	64.4	69.0	80.5	87.1	87.5	96.7	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300		64.4	64.4	69.0	80.5	87.1	87.5	97.0	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 200		64.4	64.4	69.0	80.5	87.1	87.5	97.0	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 100		64.4	64.4	69.0	80.5	87.1	87.5	97.0	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0
GE 0		64.4	64.4	69.0	80.5	87.1	87.5	97.0	97.7	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 2100-2300

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	VISIBILITY IN HUNDREDS OF METERS												
							GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0			
NO CEIL		35.3	35.3	36.7	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0			
GE 20000		40.3	40.3	42.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 18000		40.3	40.3	42.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 16000		40.3	40.3	42.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000		40.3	40.3	42.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000		40.3	40.3	42.3	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000		48.7	48.7	52.3	56.0	58.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000		48.7	48.7	52.3	56.0	58.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000		48.7	48.7	52.3	56.0	58.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 7000		48.7	48.7	52.3	56.0	58.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 6000		48.7	48.7	52.3	56.0	58.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000		49.3	49.3	53.3	57.0	59.0	59.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 4500		49.3	49.3	53.3	57.3	59.3	59.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4000		51.3	51.3	55.7	59.7	61.7	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3500		51.3	51.3	55.7	59.7	61.7	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3000		52.7	52.7	57.0	61.3	63.7	64.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 2500		53.7	53.7	58.3	63.0	65.3	65.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2000		56.3	56.3	62.0	68.0	70.7	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800		58.0	58.0	63.7	69.7	72.3	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1500		60.7	60.7	66.3	72.7	75.7	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1200		62.3	62.3	68.3	77.0	81.7	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000		63.7	64.0	70.0	81.0	87.3	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900		63.7	64.0	70.7	81.7	88.7	89.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800		63.7	64.0	70.7	82.0	89.7	90.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700		63.7	64.0	70.7	82.0	90.7	91.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600		63.7	64.0	70.7	82.3	91.3	92.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500		63.7	64.0	70.7	82.3	91.3	92.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400		63.7	64.0	70.7	82.3	91.3	92.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		63.7	64.0	70.7	82.3	91.3	92.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		63.7	64.0	70.7	82.3	91.3	92.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		63.7	64.0	70.7	82.3	91.3	92.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		63.7	64.0	70.7	82.3	91.3	92.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.0	27.8	27.8	30.4	33.7	35.2	35.3	35.8	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1
GE 20000	.0	32.6	32.6	35.7	39.8	41.4	41.5	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
GE 18000	.0	32.6	32.6	35.7	39.8	41.4	41.5	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
GE 16000	.0	32.6	32.6	35.7	39.8	41.4	41.5	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
GE 14000	.0	32.6	32.6	35.7	39.8	41.4	41.5	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
GE 12000	.0	32.6	32.6	35.7	39.8	41.4	41.5	42.2	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4
GE 10000	.0	40.9	40.9	45.2	51.7	54.8	55.0	56.6	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 9000	.0	40.9	40.9	45.2	51.7	54.8	55.0	56.6	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 8000	.0	40.9	40.9	45.2	51.7	54.8	55.0	56.6	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 7000	.0	40.9	40.9	45.3	51.7	54.8	55.0	56.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 6000	.0	40.9	40.9	45.3	51.7	54.8	55.0	56.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 5000	.0	41.6	41.6	46.1	52.6	55.7	55.9	57.5	57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.2
GE 4500	.0	41.6	41.6	46.2	52.6	55.8	56.0	57.6	57.9	58.1	58.1	58.3	58.3	58.3	58.3	58.3
GE 4000	.0	43.4	43.4	48.1	54.8	57.9	58.1	59.8	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.5
GE 3500	.0	43.6	43.6	48.4	55.1	58.4	58.6	60.3	60.5	60.8	60.8	61.0	61.0	61.0	61.0	61.0
GE 3000	.0	45.5	45.5	50.3	57.2	60.7	60.9	62.6	62.9	63.2	63.2	63.4	63.4	63.4	63.4	63.4
GE 2500	.0	47.3	47.3	52.5	59.7	63.3	63.5	65.3	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0
GE 2000	.0	50.3	50.3	55.9	64.2	66.1	68.3	70.5	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2
GE 1800	.0	51.0	51.0	56.7	65.2	69.2	69.4	71.7	71.9	72.2	72.2	72.4	72.4	72.4	72.4	72.4
GE 1500	.0	52.7	52.7	58.7	68.3	72.8	73.0	75.6	75.8	76.1	76.1	76.3	76.3	76.3	76.3	76.3
GE 1200	.1	54.6	54.6	61.2	72.4	78.2	78.4	81.6	81.9	82.2	82.2	82.4	82.4	82.4	82.4	82.4
GE 1000	.1	55.6	55.7	62.4	75.3	82.4	82.6	87.5	87.9	88.2	88.2	88.5	88.5	88.5	88.5	88.5
GE 900	.1	56.0	56.0	63.0	76.4	84.0	84.3	89.8	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8
GE 800	.1	56.0	56.1	63.3	77.1	85.6	85.8	92.3	92.7	93.2	93.2	93.5	93.5	93.5	93.5	93.5
GE 700	.1	56.1	56.1	63.4	77.5	86.4	86.7	94.2	94.7	95.3	95.3	95.6	95.6	95.6	95.6	95.6
GE 600	.1	56.1	56.2	63.4	77.7	87.0	87.3	95.5	96.3	97.1	97.1	97.4	97.4	97.4	97.4	97.4
GE 500	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.3	97.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4
GE 400	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.6	97.5	98.7	98.9	99.2	99.4	99.4	99.4	99.4
GE 300	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.7	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0
GE 200	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.7	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0
GE 100	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.7	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0
GE 0	.1	56.1	56.2	63.4	77.8	87.2	87.4	96.7	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2382

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		38.5	38.5	40.3	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000		40.6	40.6	42.4	45.1	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 18000		40.6	40.6	42.4	45.1	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 16000		40.6	40.6	42.4	45.1	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000		40.6	40.6	42.4	45.5	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000		40.6	40.6	42.4	45.5	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000		54.5	54.5	56.9	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000		54.5	54.5	56.9	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 8000		54.5	54.5	56.9	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000		54.5	54.5	56.9	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000		54.5	54.5	56.9	61.5	62.5	62.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000		56.3	56.3	59.0	63.9	64.9	64.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500		56.6	56.6	59.4	64.2	65.3	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000		59.0	59.0	62.2	67.7	68.8	68.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500		60.1	60.1	63.5	69.1	70.1	70.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3000		61.5	61.5	65.6	71.2	72.6	72.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2500		63.9	63.9	69.4	75.0	76.4	76.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2000		65.3	65.3	72.2	78.5	79.9	79.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800		65.3	65.3	72.2	78.5	79.9	79.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500		66.0	66.0	73.3	81.3	83.0	83.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	.3	67.7	67.7	75.3	85.1	87.2	87.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	.3	68.4	68.4	76.4	86.8	89.2	89.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	.3	68.4	68.4	76.4	87.5	89.9	89.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	.3	68.4	68.4	76.4	88.2	90.6	90.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	.3	68.4	68.4	76.4	88.9	92.4	92.4	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 600	.3	68.4	68.4	76.4	88.9	93.1	93.1	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0
GE 0	.3	68.4	68.4	76.4	88.9	93.1	93.1	96.5	97.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		30.6	30.6	35.2	37.9	38.5	38.5	38.5	38.5	38.5	38.5	38.9	38.9	38.9	38.9
GE 20000		32.9	32.9	37.9	41.2	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 18000		32.9	32.9	37.9	41.2	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 16000		32.9	32.9	37.9	41.2	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 14000		32.9	32.9	37.9	41.2	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 12000		32.9	32.9	37.9	41.2	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2
GE 10000		48.2	48.2	54.5	60.1	61.1	61.1	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8
GE 9000		48.2	48.2	54.5	60.1	61.1	61.1	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8
GE 8000		48.2	48.2	54.5	60.1	61.1	61.1	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8
GE 7000		48.2	48.2	54.5	60.1	61.1	61.1	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8
GE 6000		48.2	48.2	54.5	60.1	61.1	61.1	62.5	62.5	62.5	62.5	62.8	62.8	62.8	62.8
GE 5000		48.8	48.8	55.5	61.8	63.1	63.1	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8
GE 4500		48.8	48.8	55.5	61.8	63.1	63.1	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8
GE 4000		50.2	50.2	57.1	63.8	65.1	65.1	66.4	66.4	66.4	66.4	66.8	66.8	66.8	66.8
GE 3500		51.2	51.2	58.1	64.8	66.1	66.1	67.4	67.4	67.4	67.4	67.8	67.8	67.8	67.8
GE 3000		53.5	53.5	61.1	68.1	69.4	69.4	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1
GE 2500		55.8	55.8	64.1	71.8	73.1	73.1	74.4	74.4	74.4	74.4	74.8	74.8	74.8	74.8
GE 2000		57.5	57.5	65.8	74.1	75.4	75.4	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4
GE 1800		58.1	58.1	66.8	75.1	76.4	76.4	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7
GE 1500		58.8	58.8	67.8	76.7	78.1	78.1	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 1200		60.1	60.1	70.1	81.1	82.7	82.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0
GE 1000		61.1	61.1	71.1	83.7	86.0	86.0	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7
GE 900		61.5	61.5	71.4	85.4	87.7	87.7	90.0	90.0	90.0	90.0	90.4	90.4	90.4	90.4
GE 800		61.5	61.5	71.4	86.0	88.7	88.7	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7
GE 700		61.5	61.5	71.4	87.0	90.0	90.0	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7
GE 600		61.8	61.8	72.1	87.7	91.4	91.4	96.3	97.0	97.3	97.3	97.7	97.7	97.7	97.7
GE 500		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.3	97.7	97.7	98.3	98.3	98.3	98.3
GE 400		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.7	98.0	98.3	99.0	99.0	99.0	99.0
GE 300		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.7	98.0	98.3	99.0	99.0	99.0	99.0
GE 200		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.7	98.0	98.3	99.0	99.0	99.0	99.0
GE 100		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.7	98.0	98.3	99.0	99.0	99.0	100.0
GE 0		61.8	61.8	72.1	87.7	91.4	91.4	96.7	97.7	98.0	98.3	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		75.6	25.6	31.7	35.2	46.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 20000		28.3	28.3	35.5	39.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 18000		28.3	28.3	35.5	39.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 16000		28.3	28.3	35.5	39.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 14000		28.3	28.3	35.5	39.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 12000		28.3	28.3	35.5	39.9	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 10000		43.3	43.3	51.2	58.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 9000		43.3	43.3	51.2	58.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000		43.3	43.3	51.2	58.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 7000		43.3	43.3	51.2	58.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 6000		43.3	43.3	51.2	58.0	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000		43.7	43.7	51.9	59.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500		44.0	44.0	52.2	60.1	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000		44.4	44.4	52.6	60.4	62.5	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500		44.7	44.7	52.9	60.8	62.8	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.8	63.8
GE 3000		46.1	46.1	55.3	63.1	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.2
GE 2500		47.4	47.4	57.3	65.2	67.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.3	68.3
GE 2000		48.5	48.5	58.4	66.2	68.3	68.9	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6	70.0	70.0
GE 1800		48.8	48.8	58.7	67.2	69.3	70.0	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.6	71.0	71.0
GE 1500		50.5	50.5	61.1	70.0	72.4	73.0	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.7	74.1	74.1
GE 1200		52.2	52.2	64.5	74.1	76.8	77.5	77.8	77.8	77.8	77.8	77.8	78.2	78.2	78.2	79.5	79.5
GE 1000		52.9	52.9	65.5	77.1	80.9	81.6	82.6	82.6	82.6	82.6	82.9	83.3	83.3	83.3	83.6	83.6
GE 900		52.9	52.9	65.5	78.5	82.3	82.9	84.0	84.0	84.0	84.0	84.3	84.6	84.6	84.6	85.0	85.0
GE 800		52.9	52.9	66.2	81.6	86.0	86.7	88.4	88.7	88.7	88.7	89.1	89.4	89.4	89.4	89.8	89.8
GE 700		52.9	52.9	66.9	82.3	87.0	87.7	90.1	90.4	90.8	91.1	91.5	91.8	91.8	91.8	92.2	92.2
GE 600		52.9	52.9	66.9	82.3	87.7	88.4	93.2	93.5	93.9	94.5	94.9	95.2	95.2	95.2	95.6	95.6
GE 500		52.9	52.9	66.9	82.3	88.1	88.7	93.5	93.9	94.2	94.9	95.2	95.6	95.6	95.6	95.9	95.9
GE 400		52.9	52.9	66.9	82.3	88.1	88.7	94.2	94.5	95.9	96.6	96.9	97.3	97.3	97.3	97.6	97.6
GE 300		52.9	52.9	66.9	82.6	88.4	89.1	94.5	94.9	96.6	97.3	97.6	98.3	98.3	98.3	98.6	98.6
GE 200		52.9	52.9	66.9	82.6	88.4	89.1	94.5	94.9	96.6	97.3	97.6	98.3	98.3	98.6	99.0	99.0
GE 100		52.9	52.9	66.9	82.6	88.4	89.1	94.5	94.9	96.6	97.3	97.6	98.3	98.6	99.0	99.3	99.7
GE 0		53.2	53.2	67.2	82.9	88.7	89.4	94.9	95.2	96.9	97.6	98.0	98.6	99.0	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL		26.7	26.7	27.4	31.9	32.6	32.6	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000		30.2	30.2	31.2	35.8	36.5	36.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000		30.2	30.2	31.2	35.8	36.5	36.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 16000		30.2	30.2	31.2	35.8	36.5	36.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000		30.2	30.2	31.2	35.8	36.5	36.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 12000		30.2	30.2	31.2	35.8	36.5	36.5	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000		43.2	43.2	44.6	54.0	55.4	55.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000		43.2	43.2	44.6	54.0	55.4	55.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000		43.2	43.2	44.6	54.0	55.4	55.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2
GE 7000		43.2	43.2	44.6	54.0	55.4	55.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000		43.2	43.2	44.6	54.0	55.4	55.4	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000		44.2	44.2	45.6	55.1	56.5	56.5	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2
GE 4500		44.2	44.2	45.6	55.1	56.5	56.5	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2
GE 4000		45.3	45.3	46.7	56.1	57.5	57.5	58.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500		45.3	45.3	46.7	56.1	57.5	57.5	58.9	58.9	59.3	59.3	59.3	59.3	59.3	59.3
GE 3000		46.0	46.0	48.1	57.5	58.9	58.9	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7
GE 2500		48.4	48.4	51.2	60.7	62.5	62.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2
GE 2000		52.3	52.3	55.4	65.6	67.4	67.4	69.1	69.1	69.8	69.8	69.8	69.8	69.8	69.8
GE 1800		52.6	52.6	55.8	66.0	67.7	67.7	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2
GE 1500		54.0	54.0	57.9	68.4	70.9	70.9	72.6	72.6	73.7	73.7	73.7	73.7	73.7	73.7
GE 1200		54.7	54.7	59.6	71.9	74.7	74.7	75.1	75.1	77.9	78.6	78.6	78.6	78.6	78.6
GE 1000		55.8	55.8	61.4	76.1	80.0	80.7	83.5	83.9	84.6	84.6	84.6	84.6	84.6	84.6
GE 900		55.8	55.8	61.8	76.5	80.4	81.1	84.6	84.9	85.6	85.6	85.6	85.6	85.6	85.6
GE 800		55.8	55.8	62.1	77.5	81.4	82.1	86.7	87.4	88.1	88.1	88.1	88.1	88.1	88.1
GE 700		56.1	56.1	62.5	78.9	83.9	84.6	91.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3
GE 600		56.1	56.1	62.5	79.3	84.9	85.6	94.4	95.4	96.1	96.1	96.1	96.1	96.1	96.1
GE 500		56.1	56.1	62.5	79.3	84.9	85.6	94.4	95.4	96.8	96.8	96.8	96.8	96.8	96.8
GE 400		56.1	56.1	62.5	79.3	84.9	85.6	94.7	95.8	97.2	97.2	97.2	97.2	97.2	97.2
GE 300		56.1	56.1	62.5	79.3	84.9	85.6	94.7	95.8	97.5	97.5	97.5	97.5	97.5	97.5
GE 200		56.1	56.1	62.5	79.3	84.9	85.6	94.7	95.8	97.5	97.5	97.5	97.5	97.5	97.5
GE 100		56.1	56.1	62.5	79.3	84.9	85.6	94.7	95.8	97.5	97.5	97.5	97.5	97.5	100.0
GE 0		56.1	56.1	62.5	79.3	84.9	85.6	94.7	95.8	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		26.6	26.6	26.9	30.0	30.0	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 20000		28.6	28.6	29.0	32.8	32.8	32.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 18000		28.6	28.6	29.0	32.8	32.8	32.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 16000		28.6	28.6	29.0	32.8	32.8	32.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 14000		28.6	28.6	29.0	32.8	32.8	32.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 12000		28.6	28.6	29.0	32.8	32.8	32.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 10000		40.7	40.7	41.0	46.2	46.6	46.6	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 9000		40.7	40.7	41.0	46.2	46.6	46.6	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000		40.7	40.7	41.0	46.2	46.6	46.6	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 7000		41.0	41.0	41.4	46.6	46.9	46.9	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 6000		41.0	41.0	41.4	46.6	46.9	46.9	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 5000		42.4	42.4	42.8	47.9	48.3	48.3	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 4500		42.8	42.8	43.1	48.3	48.6	48.6	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 4000		47.2	47.2	47.6	52.8	53.1	53.1	53.4	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 3500		47.9	47.9	48.3	53.4	53.8	53.8	54.1	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 3000		53.1	53.1	54.1	60.3	60.7	60.7	61.0	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2500		57.6	57.6	59.3	67.6	68.3	68.3	68.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000	.3	63.1	63.1	65.2	73.4	74.1	74.1	74.8	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	.3	63.1	63.1	65.5	73.8	74.5	74.5	75.2	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 1500	.3	66.2	66.2	69.3	78.6	79.3	79.3	80.7	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	.3	68.6	68.6	72.8	82.8	83.8	83.8	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	.3	70.0	70.0	74.8	85.5	86.9	86.9	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	.3	70.0	70.0	74.8	86.2	87.6	87.6	90.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	.3	70.0	70.0	74.8	86.9	88.6	88.6	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	.3	70.0	70.0	74.8	86.9	89.0	89.0	94.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	.3	70.0	70.0	74.8	86.9	89.0	89.0	94.8	95.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2
GE 500	.3	70.0	70.0	74.8	86.9	89.3	89.3	95.5	96.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3
GE 400	.3	70.0	70.0	74.8	86.9	89.7	89.7	96.2	97.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0
GE 300	.3	70.0	70.0	74.8	86.9	89.7	89.7	96.2	97.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7
GE 200	.3	70.0	70.0	74.8	86.9	89.7	89.7	96.2	97.6	98.6	98.6	99.7	99.7	99.7	99.7	99.7
GE 100	.3	70.0	70.0	74.8	86.9	89.7	89.7	96.6	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0
GE 0	.3	70.0	70.0	74.8	86.9	89.7	89.7	96.6	97.9	99.0	99.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0	0
NO CEIL		20.6	20.6	20.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 2000		24.4	24.4	24.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 1800		24.4	24.4	24.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 1600		24.4	24.4	24.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 1400		24.4	24.4	24.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 1200		24.4	24.4	24.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 1000		40.9	40.9	40.9	42.6	42.6	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 900		40.9	40.9	40.9	42.6	42.6	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 800		40.9	40.9	40.9	42.6	42.6	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 700		40.9	40.9	40.9	42.6	42.6	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 600		41.2	41.2	41.2	43.0	43.0	43.0	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 500		44.3	44.3	44.3	46.0	46.0	46.0	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 450		44.3	44.3	44.3	46.0	46.0	46.0	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 400		56.4	56.4	56.4	58.1	58.1	58.1	58.4	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 350		58.1	58.1	58.1	60.1	60.1	60.1	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 300		63.9	63.9	63.9	67.0	67.0	67.0	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 250		68.4	68.4	69.1	72.5	72.5	72.5	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 200		73.2	73.2	73.9	78.4	79.4	79.4	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 180		73.9	73.9	74.6	79.4	80.4	80.4	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 150		75.9	75.9	77.0	83.2	84.9	84.9	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 120		76.6	76.6	78.4	86.3	88.3	88.3	89.3	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 100		77.3	77.3	79.4	89.0	91.1	91.4	92.8	92.8	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 90		77.3	77.3	79.4	89.7	92.1	92.4	94.2	94.2	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 80		77.3	77.3	79.4	89.7	92.8	93.1	95.2	95.2	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 70		77.3	77.3	79.4	89.7	93.5	93.8	95.9	95.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 60		77.3	77.3	79.4	89.7	93.8	94.2	96.9	96.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 50		77.3	77.3	79.4	89.7	93.8	94.2	97.3	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 40		77.3	77.3	79.4	89.7	93.8	94.2	97.3	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 30		77.7	77.7	79.7	90.0	94.2	94.5	97.6	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20		77.7	77.7	79.7	90.0	94.2	94.5	97.6	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10		77.7	77.7	79.7	90.0	94.2	94.5	97.6	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		77.7	77.7	79.7	90.0	94.2	94.5	97.6	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		28.3	28.3	28.7	29.0	29.0	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 20000		32.2	32.2	32.5	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000		32.2	32.2	32.5	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 16000		32.2	32.2	32.5	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 14000		32.2	32.2	32.5	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 12000		32.2	32.2	32.5	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 10000		48.6	48.6	49.7	52.8	52.8	52.8	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000		48.6	48.6	49.7	52.8	52.8	52.8	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 8000		48.6	48.6	49.7	52.8	52.8	52.8	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000		48.6	48.6	49.7	52.8	52.8	52.8	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 6000		48.6	48.6	49.7	52.8	52.8	52.8	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8
GE 5000		50.7	50.7	51.7	54.9	54.9	54.9	55.6	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9
GE 4500		51.0	51.0	52.1	55.2	55.2	55.2	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3
GE 4000		61.9	61.9	63.3	66.4	66.4	66.4	67.1	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500		62.6	62.6	64.0	67.1	67.1	67.1	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2
GE 3000		66.8	66.8	68.5	71.7	71.7	71.7	72.4	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7
GE 2500		69.2	69.2	71.3	74.8	74.8	75.2	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2
GE 2000		73.1	73.1	76.2	81.5	81.5	82.2	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800		74.5	74.5	77.6	82.9	82.9	83.6	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500		75.5	75.5	79.0	85.3	86.0	86.7	87.8	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200		76.2	76.2	80.4	87.4	88.5	89.2	90.9	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000		76.2	76.2	80.4	88.8	89.9	90.6	92.3	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7
GE 900		76.2	76.2	80.4	88.8	90.6	91.3	93.0	93.4	93.7	94.4	94.4	94.4	94.4	94.4	94.4
GE 800		76.2	76.2	80.4	88.8	91.6	92.3	94.4	94.8	95.5	96.2	96.2	96.2	96.2	96.2	96.2
GE 700		76.2	76.2	80.4	88.8	92.0	92.7	95.5	95.8	97.2	97.9	97.9	97.9	97.9	97.9	97.9
GE 600		76.2	76.2	80.4	88.8	92.0	92.7	96.5	96.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.2	98.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CI		76.2	76.2	80.4	88.8	92.0	92.7	96.5	97.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		38.6	38.6	39.9	41.0	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000		43.7	43.7	45.1	46.4	47.1	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 18000		43.7	43.7	45.1	46.4	47.1	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000		43.7	43.7	45.1	46.4	47.1	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000		43.7	43.7	45.1	46.4	47.1	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000		43.7	43.7	45.1	46.4	47.1	47.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000		55.3	55.3	56.7	59.4	60.1	60.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4
GE 9000		55.3	55.3	56.7	59.4	60.1	60.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4
GE 8000		55.3	55.3	56.7	59.4	60.1	60.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4
GE 7000		55.3	55.3	56.7	59.4	60.1	60.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4
GE 6000		55.6	55.6	57.3	60.4	61.1	61.1	62.1	62.1	62.1	62.1	62.1	62.1	62.5	62.5	62.5	62.5
GE 5000		58.4	58.4	60.4	63.5	64.2	64.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5	65.5	65.5
GE 4500		59.0	59.0	61.1	64.2	64.8	64.8	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.2
GE 4000		63.5	63.5	66.2	69.3	70.3	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.7	71.7	71.7
GE 3500		64.8	64.8	67.6	70.6	71.7	71.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0
GE 3000		67.6	67.6	71.0	74.1	75.1	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.5	76.5	76.5	76.5
GE 2500		68.9	68.9	73.0	76.8	78.2	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5
GE 2000		70.6	70.6	75.1	80.5	81.9	81.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3	83.3	83.3	83.3
GE 1800		71.3	71.3	76.1	81.9	83.6	83.6	84.6	84.6	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0
GE 1500		72.0	72.0	76.8	83.3	85.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7
GE 1200		72.4	72.4	77.8	86.3	88.7	88.7	89.8	90.1	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.4
GE 1000		72.4	72.4	77.8	88.1	91.5	91.5	92.5	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2	93.2
GE 900		72.4	72.4	77.8	88.4	91.8	91.8	93.2	93.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9
GE 800		72.4	72.4	77.8	89.1	93.2	93.5	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6
GE 700		72.4	72.4	77.8	89.4	93.9	94.2	96.2	96.6	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 600		72.4	72.4	77.8	89.4	93.9	94.2	96.9	97.6	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 500		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 400		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 300		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 200		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.7	100.0	100.0	100.0
GE 100		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.7	100.0	100.0	100.0
GE 0		72.4	72.4	77.8	89.4	93.9	94.2	96.9	98.0	98.6	99.0	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW LSSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		29.4	29.4	31.4	33.7	34.2	34.2	34.4	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000		32.6	32.6	34.8	37.5	37.9	37.9	38.3	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5
GE 18000		32.6	32.6	34.8	37.5	37.9	37.9	38.3	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5
GE 16000		32.6	32.6	34.8	37.5	37.9	37.9	38.3	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5
GE 14000		32.6	32.6	34.8	37.5	37.9	37.9	38.3	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000		32.6	32.6	34.8	37.5	37.9	37.9	38.3	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 10000		46.8	46.8	49.5	54.4	55.2	55.2	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3
GE 9000		46.8	46.8	49.5	54.4	55.2	55.2	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3
GE 8000		46.8	46.8	49.5	54.4	55.2	55.2	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3
GE 7000		46.9	46.9	49.5	54.4	55.2	55.2	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000		47.0	47.0	49.6	54.6	55.4	55.4	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.5
GE 5000		48.6	48.6	51.4	56.6	57.5	57.5	58.3	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6
GE 4500		48.9	48.9	51.7	56.9	57.8	57.8	58.6	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
GE 4000		53.5	53.5	56.5	61.8	62.7	62.8	63.6	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 3500		54.3	54.3	57.4	62.8	63.7	63.7	64.6	64.7	64.8	64.8	64.9	64.9	64.9	65.0	65.0
GE 3000		57.3	57.3	61.0	66.7	67.6	67.6	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9
GE 2500		59.9	59.9	64.4	70.6	71.7	71.8	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0
GE 2000	.0	62.9	62.9	67.8	74.8	76.0	76.1	77.1	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.6
GE 1800	.0	63.4	63.4	68.4	75.6	76.8	77.0	78.0	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.5
GE 1500	.0	64.8	64.8	70.3	78.3	80.0	80.1	81.3	81.5	81.7	81.8	81.9	81.9	81.9	82.0	82.0
GE 1200	.1	66.1	66.1	72.4	81.9	83.8	84.1	85.6	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2
GE 1000	.1	66.7	66.7	73.4	84.4	86.9	87.2	89.0	89.3	89.5	89.7	89.8	89.8	89.8	89.9	89.9
GE 900	.1	66.8	66.8	73.4	85.1	87.8	88.1	90.1	90.3	90.5	90.7	90.8	90.8	90.8	90.9	90.9
GE 800	.1	66.8	66.8	73.6	86.0	89.1	89.5	92.0	92.4	92.7	92.9	93.0	93.0	93.0	93.1	93.1
GE 700	.1	66.8	66.8	73.7	86.5	90.2	90.5	94.0	94.4	95.0	95.2	95.3	95.4	95.4	95.4	95.4
GE 600	.1	66.9	66.9	73.8	86.6	90.7	91.1	95.6	96.1	96.9	97.2	97.4	97.5	97.5	97.5	97.5
GE 500	.1	66.9	66.9	73.8	86.6	90.8	91.1	95.9	96.6	97.6	97.9	98.1	98.2	98.2	98.2	98.2
GE 400	.1	66.9	66.9	73.8	86.6	90.8	91.2	96.1	97.0	98.1	98.5	98.7	98.8	98.8	98.8	98.8
GE 300	.1	66.9	66.9	73.8	86.7	90.9	91.3	96.2	97.1	98.2	98.8	99.1	99.3	99.3	99.4	99.4
GE 200	.1	66.9	66.9	73.8	86.7	90.9	91.3	96.2	97.1	98.2	98.8	99.1	99.4	99.5	99.6	99.6
GE 100	.1	66.9	66.9	73.8	86.7	90.9	91.3	96.3	97.1	98.3	98.8	99.1	99.4	99.6	99.7	100.0
GE 0	.1	67.0	67.0	73.9	86.8	91.0	91.3	96.3	97.2	98.3	98.8	99.1	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2327

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE U
NO CEIL		49.0	49.0	53.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000		52.7	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000		52.7	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000		52.7	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000		52.7	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000		52.7	52.7	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000		69.0	69.0	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000		69.0	69.0	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000		69.0	69.0	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000		69.0	69.0	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000		69.0	69.0	74.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000		70.0	70.0	75.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500		70.7	70.7	75.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000		73.0	73.0	79.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500		74.0	74.0	80.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000		75.0	75.0	81.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500		76.0	76.0	82.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000		78.3	78.3	84.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800		78.7	78.7	85.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500		79.3	79.3	85.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200		82.0	82.0	88.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000		83.3	83.3	90.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900		93.3	93.3	90.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800		93.3	93.3	90.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700		84.0	84.0	91.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600		84.0	84.0	91.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		84.0	84.0	91.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		84.0	84.0	91.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		84.0	84.0	91.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		84.0	84.0	91.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		84.0	84.0	91.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		84.0	84.0	91.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		46.6	46.6	54.4	56.6	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3
GE 20000		50.2	50.2	57.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8
GE 18000		50.2	50.2	57.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8
GE 16000		50.2	50.2	57.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8
GE 14000		50.2	50.2	57.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8
GE 12000		50.2	50.2	57.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	60.8
GE 10000		64.1	64.1	74.1	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 9000		64.1	64.1	74.1	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 8000		64.1	64.1	74.1	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 7000		64.1	64.1	74.1	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 6000		64.1	64.1	74.1	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	77.7
GE 5000		65.4	65.4	75.4	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0	79.0
GE 4500		65.4	65.4	75.4	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0	79.0
GE 4000		66.7	66.7	77.7	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6
GE 3500		67.0	67.0	78.0	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.9	81.9	81.9	81.9
GE 3000		67.6	67.6	79.0	82.2	82.2	82.5	82.8	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2
GE 2500		68.6	68.6	80.3	83.8	83.8	84.1	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8
GE 2000		69.6	69.6	81.6	85.8	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7
GE 1800		70.6	70.6	82.5	87.4	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 1500		71.8	71.8	84.1	89.3	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6
GE 1200		73.5	73.5	86.4	92.2	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 1000		75.7	75.7	89.0	95.1	95.5	95.8	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8
GE 900		75.7	75.7	89.0	95.1	95.5	95.8	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.8	96.8
GE 800		76.1	76.1	89.3	95.8	96.1	96.4	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
GE 700		76.1	76.1	89.3	96.1	96.4	96.8	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7
GE 600		76.1	76.1	89.3	96.1	96.4	96.8	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1
GE 500		76.4	76.4	89.6	97.1	97.4	97.7	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4
GE 400		76.4	76.4	89.6	97.4	97.7	98.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300		76.4	76.4	89.6	97.4	97.7	98.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200		76.4	76.4	89.6	97.4	97.7	98.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100		76.4	76.4	89.6	97.4	97.7	98.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE CI		76.4	76.4	89.6	97.4	97.7	98.1	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL		40.7	40.7	46.5	50.5	50.8	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000		45.8	45.8	52.2	56.2	56.6	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000		45.8	45.8	52.2	56.2	56.6	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000		45.8	45.8	52.2	56.2	56.6	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000		45.8	45.8	52.2	56.2	56.6	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000		45.8	45.8	52.2	56.2	56.6	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000		60.3	60.3	67.7	74.1	74.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000		60.3	60.3	67.7	74.1	74.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000		60.3	60.3	67.7	74.1	74.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 7000		60.3	60.3	67.7	74.1	74.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000		60.3	60.3	67.7	74.1	74.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000		61.3	61.3	68.7	75.4	75.8	75.8	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500		61.6	61.6	69.0	75.8	76.1	76.1	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000		63.3	63.3	72.1	79.1	79.5	79.5	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500		64.0	64.0	73.1	80.1	80.5	80.5	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000		64.3	64.3	73.7	80.8	81.1	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500		65.7	65.7	75.8	82.8	83.2	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000		66.7	66.7	77.1	84.2	84.5	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800		66.7	66.7	77.1	84.2	84.5	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500		67.7	67.7	78.1	85.2	85.9	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200		69.4	69.4	81.1	88.6	89.6	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000		70.7	70.7	82.8	90.6	91.6	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900		71.0	71.0	83.2	91.6	92.9	92.9	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800		71.4	71.4	83.5	91.9	94.3	94.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700		71.7	71.7	84.2	93.3	95.6	95.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600		71.7	71.7	85.2	94.3	97.0	97.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500		71.7	71.7	85.2	94.6	97.6	97.6	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		71.7	71.7	85.2	94.6	97.6	97.6	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 300		71.7	71.7	85.2	94.6	97.6	97.6	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200		71.7	71.7	85.2	94.6	97.6	97.6	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100		71.7	71.7	85.2	94.6	97.6	97.6	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0		71.7	71.7	85.2	94.6	97.6	97.6	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			47.5	47.5	48.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000			50.8	50.8	51.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000			50.8	50.8	51.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000			50.8	50.8	51.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000			50.8	50.8	51.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000			50.8	50.8	51.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000			67.2	67.2	68.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000			67.2	67.2	68.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000			67.2	67.2	68.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000			67.2	67.2	68.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000			67.2	67.2	68.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000			68.9	68.9	70.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500			69.2	69.2	70.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000			72.5	72.5	74.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500			72.5	72.5	74.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000			73.1	73.1	74.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	.3	75.4	75.4	77.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	.3	77.0	77.0	78.7	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	.3	77.4	77.4	79.0	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	.3	78.7	78.7	80.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	.3	79.3	79.3	82.6	89.5	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	.3	81.0	81.0	84.6	91.8	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	.3	81.3	81.3	85.6	93.8	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	.3	81.6	81.6	86.2	95.1	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	.3	81.6	81.6	86.6	96.1	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	.3	81.6	81.6	86.6	96.4	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	.3	81.6	81.6	86.6	96.4	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	.3	81.6	81.6	86.6	96.4	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	.3	81.6	81.6	86.6	96.4	98.0	98.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	.3	81.6	81.6	86.6	96.4	98.0	98.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	.3	81.6	81.6	86.6	96.4	98.0	98.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 01	.3	81.6	81.6	86.6	96.4	98.0	98.0	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL }		43.7	43.7	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000		48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000		48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 16000		48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000		48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 12000		48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000		59.7	59.7	60.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000		59.7	59.7	60.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000		59.7	59.7	60.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 7000		59.7	59.7	60.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 6000		60.0	60.0	61.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000		63.1	63.1	64.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500		63.7	63.7	64.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000		74.9	74.9	75.9	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500		75.6	75.6	76.6	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000		79.0	79.0	80.0	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500		83.4	83.4	84.4	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000		85.8	85.8	87.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	.3	86.4	86.4	88.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	.3	87.1	87.1	88.8	91.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	.3	88.8	88.8	91.2	93.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	.3	89.5	89.5	91.9	94.6	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	.3	89.5	89.5	92.2	94.9	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	.3	89.5	89.5	92.2	95.3	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	.3	89.5	89.5	92.2	95.6	97.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	.3	89.5	89.5	92.2	96.3	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.3	89.5	89.5	92.2	96.3	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS														
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	.3	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 20000	.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 12000	.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 10000	.3	51.5	51.5	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	.3	51.5	51.5	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 8000	.3	51.5	51.5	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	.3	51.5	51.5	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	.3	52.2	52.2	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 5000	.3	59.5	59.5	60.5	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 4500	.3	60.5	60.5	61.5	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4000	.3	78.6	78.6	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	.3	79.6	79.6	80.6	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	.3	81.9	81.9	82.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	.3	86.3	86.3	87.6	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	.3	88.3	88.3	89.6	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	.3	88.6	88.6	90.0	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1600	.3	89.6	89.6	91.3	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1400	.3	91.0	91.0	93.0	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	.3	91.3	91.3	93.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	.3	91.3	91.3	93.6	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	.3	91.3	91.3	93.6	97.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	.3	91.3	91.3	93.6	97.7	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	.3	91.3	91.3	93.6	98.0	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 76-87
MONTH: MAY HOURS(UT): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 2
NO CEIL	1	.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 20000	1	.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 18000	1	.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	1	.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 14000	1	.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 12000	1	.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	1	.3	63.4	63.4	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	1	.3	63.4	63.4	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	1	.3	63.4	63.4	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	1	.3	63.4	63.4	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	1	.3	63.8	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	1	.3	71.1	71.1	71.5	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4500	1	.3	71.8	71.8	72.1	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	1	.3	80.9	80.9	81.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	1	.3	81.5	81.5	82.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	1	.3	83.9	83.9	84.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	1	.3	85.9	85.9	86.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	1	.3	89.6	89.6	90.9	91.9	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	1	.3	89.6	89.6	90.9	91.9	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	1	.3	89.9	89.9	91.6	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	1	.3	90.9	90.9	93.6	95.6	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	1	.3	92.3	92.3	95.0	97.7	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	1	.3	92.3	92.3	95.0	97.7	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	1	.3	92.3	92.3	95.0	97.7	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	1	.3	92.3	92.3	95.0	97.7	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1	.3	92.3	92.3	95.0	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	GT	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	L	
NO CEIL		43.8	43.8	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
GE 20000		53.0	53.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 18000		53.0	53.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 16000		53.0	53.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 14000		53.0	53.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 12000		53.0	53.0	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
GE 10000		69.1	69.1	71.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 9000		69.1	69.1	71.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 8000		69.1	69.1	71.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 7000		69.1	69.1	71.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 6000		69.1	69.1	71.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 5000		73.0	73.0	75.3	77.0	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 4500		73.0	73.0	75.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
GE 4000		78.0	78.0	80.3	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 3500		78.6	78.6	80.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
GE 3000		80.9	80.9	83.6	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
GE 2500		82.2	82.2	85.2	87.8	87.8	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE 2000		84.2	84.2	87.5	90.1	90.1	90.1	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
GE 1800		85.2	85.2	88.5	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 1500		86.2	86.2	89.5	92.4	92.4	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
GE 1200		87.8	87.8	92.1	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 1000		98.0	98.0	93.4	96.7	96.7	96.7	96.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	
GE 900		98.0	98.0	93.4	96.7	96.7	96.7	96.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	
GE 800		89.1	89.1	93.8	97.4	97.4	97.4	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 700		89.1	89.1	93.8	97.4	97.4	97.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 600		89.1	89.1	93.8	97.7	97.7	97.7	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 500		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE 400		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE 300		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE 200		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE 100		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	
GE "		89.1	89.1	93.8	98.0	98.0	98.0	98.7	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.1	43.8	43.8	46.4	47.9	47.9	47.9	48.0	48.0	48.0	49.0	48.0	48.1	48.1	48.1	48.1
GE 20000	.1	48.6	48.6	51.3	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 18000	.1	48.6	48.6	51.3	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 16000	.1	48.6	48.6	51.3	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 14000	.1	48.6	48.6	51.3	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 12000	.1	48.6	48.6	51.3	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 10000	.1	63.1	63.1	66.6	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	.1	63.1	63.1	66.6	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	.1	63.1	63.1	66.6	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	.1	63.1	63.1	66.6	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	.1	63.2	63.2	66.6	69.3	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	.1	66.6	66.6	70.2	72.8	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	.1	67.1	67.1	70.7	73.3	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	.1	73.5	73.5	77.6	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 3500	.1	74.1	74.1	78.3	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	.1	75.7	75.7	80.0	83.3	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	.1	77.9	77.9	82.4	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	.1	79.9	79.9	84.7	88.1	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	.2	80.3	80.3	85.1	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 1500	.2	81.3	81.3	86.2	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 1200	.2	82.8	82.8	88.6	93.1	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 1000	.2	84.0	84.0	90.1	95.1	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 900	.2	84.1	84.1	90.3	95.6	96.4	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	.2	84.3	84.3	90.5	96.0	96.9	97.0	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 700	.2	84.4	84.4	90.7	96.6	97.6	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	.2	84.4	84.4	90.8	97.0	98.1	98.2	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	.2	84.5	84.5	90.9	97.2	98.4	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	.2	84.5	84.5	90.9	97.2	98.5	98.6	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	.2	84.5	84.5	90.9	97.2	98.5	98.6	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	.2	84.5	84.5	90.9	97.2	98.5	98.6	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	.2	84.5	84.5	90.9	97.2	98.5	98.6	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	.2	84.5	84.5	90.9	97.2	98.5	98.6	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	24
NO CELL	1	43.2	43.2	48.0	49.3	49.3	49.3	49.3	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	1	48.6	48.6	53.4	54.8	54.8	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	1	48.6	48.6	53.4	54.8	54.8	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	1	48.6	48.6	53.4	54.8	54.8	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	1	48.6	48.6	53.4	54.8	54.8	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	1	48.6	48.6	53.4	54.8	54.8	54.8	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	1	65.3	65.3	72.1	75.2	75.2	75.2	75.2	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	1	65.3	65.3	72.1	75.2	75.2	75.2	75.2	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	1	65.3	65.3	72.1	75.2	75.2	75.2	75.2	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	1	65.3	65.3	72.1	75.2	75.2	75.2	75.2	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	1	65.6	65.6	72.4	75.5	75.5	75.5	75.5	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000	1	67.0	67.0	74.8	77.9	77.9	77.9	77.9	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4500	1	67.0	67.0	74.8	78.2	78.2	78.2	78.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	1	69.0	69.0	77.9	82.3	82.3	82.3	82.3	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	1	69.7	69.7	78.6	83.0	83.0	83.0	83.0	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	1	71.4	71.4	80.3	84.7	85.0	85.0	85.0	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	1	73.1	73.1	83.0	87.8	88.1	88.1	88.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	1	74.1	74.1	84.0	89.1	89.5	89.5	89.5	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	1	74.5	74.5	84.7	89.8	90.1	90.1	90.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	1	75.2	75.2	86.1	91.5	92.5	92.5	92.5	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	1	75.9	75.9	87.4	93.5	94.9	95.2	95.2	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	1	75.9	75.9	87.4	93.9	95.2	95.6	95.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	1	75.9	75.9	87.4	94.2	95.6	95.9	95.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	1	76.2	76.2	87.8	94.6	95.9	96.3	96.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	1	76.2	76.2	87.8	94.6	95.9	96.6	96.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	1	76.5	76.5	88.1	95.2	96.6	97.3	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	1	76.5	76.5	88.1	95.2	96.6	97.3	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	1	76.5	76.5	88.1	95.2	96.6	97.3	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	1	76.5	76.5	88.1	95.6	96.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	1	76.5	76.5	88.1	95.6	96.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	1	76.5	76.5	88.1	95.6	96.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	1	76.5	76.5	88.1	95.6	96.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		42.6	42.6	48.6	50.7	51.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000		47.3	47.3	53.4	56.1	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000		47.3	47.3	53.4	56.1	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000		47.3	47.3	53.4	56.1	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000		47.3	47.3	53.4	56.1	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000		47.3	47.3	53.4	56.1	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000		60.5	60.5	69.6	73.3	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000		60.5	60.5	69.6	73.3	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000		60.5	60.5	69.6	73.3	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000		60.5	60.5	69.6	73.3	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000		60.5	60.5	69.6	73.3	73.6	73.6	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000		61.1	61.1	70.6	74.3	74.7	74.7	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500		61.5	61.5	71.3	75.0	75.3	75.3	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000		63.9	63.9	75.0	79.7	80.4	80.4	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500		64.2	64.2	75.7	80.4	81.1	81.1	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000		65.2	65.2	76.7	81.4	82.4	82.4	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500		65.9	65.9	78.0	83.4	84.8	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000		67.6	67.6	80.1	86.5	87.8	87.8	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800		67.9	67.9	81.1	87.5	88.9	88.9	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500		69.3	69.3	82.4	88.9	90.2	90.2	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200		70.3	70.3	83.4	90.2	91.6	91.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000		71.6	71.6	85.5	92.6	94.6	94.6	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900		72.3	72.3	86.1	93.2	95.3	95.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800		72.3	72.3	86.1	93.9	96.6	96.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 0		72.3	72.3	86.8	94.9	97.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		37.5	37.5	44.8	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000		39.6	39.6	47.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000		39.6	39.6	47.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000		39.6	39.6	47.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000		39.6	39.6	47.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000		39.6	39.6	47.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 10000		53.1	53.1	63.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 9000		53.1	53.1	63.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 8000		53.1	53.1	63.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 7000		53.1	53.1	63.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 6000		53.1	53.1	63.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.4
GE 5000		53.8	53.8	64.9	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.2	71.2	71.2
GE 4500		53.8	53.8	65.3	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5
GE 4000		54.9	54.9	68.8	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3
GE 3500		55.6	55.6	69.4	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0
GE 3000		56.6	56.6	70.5	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1
GE 2500		57.3	57.3	72.9	78.8	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	80.2	80.2	80.2
GE 2000		58.7	58.7	74.7	80.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9	81.9
GE 1800		59.4	59.4	76.0	81.9	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.3	83.3	83.3
GE 1500		60.8	60.8	77.4	83.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	85.1	85.1	85.1
GE 1200		62.5	62.5	80.2	87.8	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	90.3	90.3	90.3
GE 1000		64.2	64.2	83.0	92.0	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	94.8
GE 900		64.9	64.9	83.7	92.7	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5
GE 800		65.3	65.3	85.1	94.1	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6
GE 700		65.3	65.3	85.1	94.4	96.9	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6
GE 600		65.3	65.3	85.1	94.4	97.2	97.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0
GE 500		65.3	65.3	85.1	94.8	97.6	97.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 400		65.3	65.3	85.1	95.1	97.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 300		65.3	65.3	85.1	95.1	97.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 200		65.3	65.3	85.1	95.1	97.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7
GE 100		65.3	65.3	85.1	95.1	97.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 0		65.3	65.3	85.1	95.1	97.9	98.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		42.5	42.5	43.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000		46.7	46.7	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 18000		46.7	46.7	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000		46.7	46.7	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000		46.7	46.7	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 12000		46.7	46.7	47.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 10000		59.6	59.6	62.4	65.9	66.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000		59.6	59.6	62.4	65.9	66.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000		59.6	59.6	62.4	65.9	66.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000		59.6	59.6	62.4	65.9	66.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 6000		60.3	60.3	63.1	66.6	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000		61.3	61.3	64.1	67.6	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 4500		61.3	61.3	64.1	67.6	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 4000		64.5	64.5	67.9	71.8	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8
GE 3500		64.5	64.5	67.9	71.8	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8
GE 3000		65.9	65.9	69.3	73.2	73.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2
GE 2500		69.7	69.7	74.2	78.0	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.1
GE 2000		71.8	71.8	77.0	80.8	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.9
GE 1800		72.5	72.5	77.7	81.5	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.6
GE 1500		74.6	74.6	79.8	83.6	84.0	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.0
GE 1200		78.7	78.7	84.7	89.5	90.6	90.6	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0
GE 1000		80.5	80.5	86.4	92.0	93.0	93.0	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
GE 900		80.8	80.8	87.1	93.4	95.1	95.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 800		81.2	81.2	87.8	94.4	96.2	96.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 700		81.2	81.2	87.8	94.4	96.2	96.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 600		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 500		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 400		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 300		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0
GE 200		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0
GE 100		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0
GE 0		81.2	81.2	87.8	94.4	96.5	96.5	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1200-1400

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		26.1	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.8
GE 20000		29.5	29.5	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.8
GE 18000		29.5	29.5	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.8
GE 16000		29.5	29.5	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.8
GE 14000		29.5	29.5	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.8
GE 12000		29.5	29.5	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.8
GE 10000		42.0	42.0	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7
GE 9000		42.0	42.0	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7
GE 8000		42.0	42.0	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7
GE 7000		42.0	42.0	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7
GE 6000		42.4	42.4	42.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	44.1
GE 5000		45.1	45.1	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.5
GE 4500		45.8	45.8	46.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1
GE 4000		64.1	64.1	65.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1
GE 3500		65.4	65.4	67.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
GE 3000		71.9	71.9	73.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.3
GE 2500		78.0	78.0	80.3	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
GE 2000		82.0	82.0	84.7	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8
GE 1800		82.4	82.4	85.1	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.2
GE 1500		84.1	84.1	87.1	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.9
GE 1200		85.1	85.1	86.5	92.5	93.2	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6
GE 1000		86.1	86.1	89.5	94.6	95.9	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.3
GE 900		86.1	86.1	89.8	94.9	96.6	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 800		86.1	86.1	89.8	95.3	96.9	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 700		86.1	86.1	89.8	95.3	96.9	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0
GE 600		86.1	86.1	89.8	95.3	97.3	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 500		86.1	86.1	89.8	95.3	97.3	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 400		86.4	86.4	90.2	95.6	97.6	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 300		86.4	86.4	90.2	95.6	97.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200		86.4	86.4	90.2	95.6	97.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100		86.4	86.4	90.2	95.6	97.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0		86.4	86.4	90.2	95.6	97.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	28.2
GE 20000		29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9
GE 18000		29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9
GE 16000		29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9
GE 14000		29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9
GE 12000		29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.9
GE 10000		43.3	43.3	43.6	44.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.0
GE 9000		43.3	43.3	43.6	44.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.0
GE 8000		43.3	43.3	43.6	44.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.0
GE 7000		43.3	43.3	43.6	44.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.0
GE 6000		43.6	43.6	44.0	44.7	44.7	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.4
GE 5000		49.5	49.5	50.2	51.2	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.9
GE 4500		50.2	50.2	50.9	51.9	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.6
GE 4000		68.0	68.0	68.7	69.8	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.8
GE 3500		70.8	70.8	71.8	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.9
GE 3000		79.7	79.7	81.4	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.8
GE 2500		83.2	83.2	85.6	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.3
GE 2000		86.3	86.3	89.7	91.4	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.8
GE 1800		86.6	86.6	90.0	91.8	92.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	93.1
GE 1500		87.3	87.3	90.7	92.8	93.1	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	94.2
GE 1200		88.0	88.0	91.4	94.2	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.9
GE 1000		88.3	88.3	91.8	95.9	96.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.9
GE 900		88.7	88.7	92.1	96.2	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.3
GE 800		88.7	88.7	92.1	96.2	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.3
GE 700		88.7	88.7	92.4	96.6	97.3	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	99.0
GE 600		88.7	88.7	92.4	96.9	97.6	97.6	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.7
GE 500		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 400		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 300		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 200		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 100		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 0		88.7	88.7	92.4	96.9	97.6	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.8
GE 20000		36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 18000		36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 16000		36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 14000		36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 12000		36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.8
GE 10000		57.2	57.2	57.9	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 9000		57.2	57.2	57.9	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 8000		57.2	57.2	57.9	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 7000		57.2	57.2	57.9	58.5	58.5	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 6000		57.5	57.5	58.2	58.9	58.9	58.9	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.5
GE 5000		62.5	62.5	63.9	64.5	64.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	65.2
GE 4500		63.9	63.9	65.2	65.9	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.6
GE 4000		74.9	74.9	76.3	76.9	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.9
GE 3500		76.3	76.3	77.9	78.6	78.9	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.6
GE 3000		81.6	81.6	83.6	84.3	84.6	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.3
GE 2500		84.3	84.3	87.3	89.0	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	90.0
GE 2000		86.0	86.0	89.3	91.0	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	92.0
GE 1800		86.3	86.3	90.0	91.6	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.6
GE 1500		87.3	87.3	91.3	93.0	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	94.0
GE 1200		89.0	89.0	93.0	94.6	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.3
GE 1000		89.3	89.3	93.3	95.3	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.7
GE 900		89.6	89.6	93.6	96.0	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 800		89.6	89.6	93.6	96.0	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 700		89.6	89.6	94.0	96.3	98.0	98.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 600		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 500		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0		89.6	89.6	94.0	96.7	98.3	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	GT	GE 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			37.0	37.0	37.7	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.7
GE 20000			48.6	48.6	50.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 18000			48.6	48.6	50.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 16000			48.6	48.6	50.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 14000			48.6	48.6	50.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 12000			48.6	48.6	50.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
GE 10000			65.8	65.8	68.2	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 9000			65.8	65.8	68.2	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 8000			65.8	65.8	68.2	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 7000			65.8	65.8	68.2	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.5
GE 6000			66.1	66.1	68.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.9
GE 5000			69.2	69.2	71.9	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3
GE 4500			69.9	69.9	72.6	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
GE 4000	.3		77.1	77.1	81.2	82.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 3500	.3		77.7	77.7	81.8	83.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3
GE 3000	.3		80.8	80.8	85.3	87.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7
GE 2500	.3		81.8	81.8	87.3	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1
GE 2000	.3		84.2	84.2	89.7	92.1	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.2
GE 1800	.3		84.2	84.2	89.7	92.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.5
GE 1500	.3		84.6	84.6	90.8	93.5	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.9
GE 1200	.3		85.6	85.6	92.1	95.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9
GE 1000	.3		85.6	85.6	92.1	95.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9
GE 900	.3		86.0	86.0	92.5	95.5	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 800	.3		86.0	86.0	92.5	95.5	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 700	.3		86.0	86.0	92.8	95.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0
GE 600	.3		86.3	86.3	93.2	96.2	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 500	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 400	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 300	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 200	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0
GE 100	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	100.0
GE 0	.3		86.3	86.3	93.2	96.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			35.9	35.9	38.4	39.6	39.7	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	40.1
GE 20000			40.8	40.8	43.6	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5
GE 18000			40.8	40.8	43.6	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5
GE 16000			40.8	40.8	43.6	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5
GE 14000			40.8	40.8	43.6	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5
GE 12000			40.8	40.8	43.6	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5
GE 10000			55.8	55.8	59.9	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 9000			55.8	55.8	59.9	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 8000			55.8	55.8	59.9	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 7000			55.8	55.8	59.9	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 6000			56.1	56.1	60.2	62.7	62.9	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.5
GE 5000			58.7	58.7	63.3	65.8	66.0	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7
GE 4500			59.2	59.2	63.8	66.4	66.6	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.3
GE 4000	.0		67.1	67.1	72.7	75.7	76.1	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.8
GE 3500	.0		68.1	68.1	73.8	76.9	77.3	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	78.0
GE 3000	.0		71.7	71.7	77.6	80.7	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
GE 2500	.0		74.2	74.2	81.1	84.6	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	86.0
GE 2000	.0		76.4	76.4	83.7	87.5	88.1	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.8	88.8	89.0
GE 1800	.0		76.8	76.8	84.3	88.2	88.8	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.7
GE 1500	.0		77.9	77.9	85.7	89.7	90.6	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.5
GE 1200	.0		79.4	79.4	87.6	92.2	93.4	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7
GE 1000	.0		80.2	80.2	88.6	93.9	95.4	95.5	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8
GE 900	.0		80.6	80.6	89.1	94.5	96.2	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 800	.0		80.7	80.7	89.4	95.0	96.8	96.9	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.4
GE 700	.0		80.7	80.7	89.6	95.3	97.1	97.3	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.9
GE 600	.0		80.8	80.8	89.7	95.5	97.4	97.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
GE 500	.0		80.8	80.8	89.7	95.6	97.5	97.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6
GE 400	.0		80.8	80.8	89.7	95.7	97.6	97.9	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.7
GE 300	.0		80.8	80.8	89.7	95.7	97.7	97.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.8
GE 200	.0		80.8	80.8	89.7	95.7	97.7	97.9	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.9
GE 100	.0		80.8	80.8	89.7	95.7	97.7	97.9	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	100.0
GE CI	.0		80.8	80.8	89.7	95.7	97.7	97.9	99.0	99.4	99.4	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0000-0200

CEILING IN FEET	I	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 45	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE J
NO CEIL	I	.4	34.2	34.5	44.6	45.3	47.1	47.5	47.8	47.9	47.8	47.9	47.8	47.8	47.8	47.8	47.8
GE 20000	I	.4	40.3	40.6	51.1	52.2	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	I	.4	40.3	40.6	51.1	52.2	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	I	.4	40.3	40.6	51.1	52.2	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	I	.4	40.3	40.6	51.1	52.2	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	I	.4	40.3	40.6	51.1	52.2	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	I	.4	58.6	59.0	71.6	74.5	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	I	.4	58.6	59.0	71.6	74.5	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	I	.4	58.6	59.0	71.6	74.5	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	I	.4	58.6	59.0	71.6	74.5	76.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	I	.4	59.0	59.4	71.9	74.8	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	I	.4	60.8	61.2	74.1	77.0	78.8	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	I	.4	60.8	61.2	74.5	77.3	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	I	.4	61.5	61.9	75.5	78.4	80.2	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	I	.4	61.9	62.2	75.9	78.8	80.6	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	I	.4	63.3	63.7	77.7	81.3	83.1	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	I	.4	65.1	65.5	79.9	83.8	85.6	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	I	.4	66.5	66.9	81.3	86.0	87.8	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	I	.4	66.5	66.9	82.0	87.1	88.8	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	I	.4	67.3	67.6	82.7	87.8	89.6	90.3	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	I	.4	68.7	69.1	84.2	89.6	91.7	92.4	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	I	.4	69.1	69.4	84.9	90.6	92.8	93.5	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	I	.4	69.8	70.1	85.6	91.4	93.9	94.6	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	I	.4	69.8	70.1	86.0	92.1	94.6	95.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	I	.4	70.1	70.5	86.3	92.4	96.0	96.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	I	.4	70.1	70.5	86.3	92.4	96.0	96.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	I	.4	70.1	70.5	86.3	92.8	96.8	97.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	I	.4	70.1	70.5	86.3	92.8	96.8	97.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	I	.4	70.1	70.5	86.3	93.2	97.1	97.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	I	.4	70.1	70.5	86.3	93.2	97.1	97.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	I	.4	70.1	70.5	86.3	93.2	97.1	97.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 0	I	.4	70.1	70.5	86.3	93.2	97.1	97.8	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	32.6	33.0	46.4	48.1	49.1	49.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	35.7	36.1	49.5	51.9	52.9	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	35.7	36.1	49.5	51.9	52.9	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	35.7	36.1	49.5	51.9	52.9	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	35.7	36.1	49.5	51.9	52.9	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	35.7	36.1	49.5	51.9	52.9	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	49.5	49.8	65.6	70.8	72.5	73.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	49.5	49.8	65.6	70.8	72.5	73.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	49.5	49.8	65.6	70.8	72.5	73.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	49.5	49.8	65.6	70.8	72.5	73.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	49.8	50.2	66.3	71.5	73.2	73.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	51.5	51.9	68.4	73.9	75.6	76.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	51.5	51.9	68.4	73.9	75.6	76.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	52.2	52.6	70.1	75.9	78.4	79.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	52.2	52.6	70.1	75.9	78.4	79.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	54.0	54.3	72.2	78.4	80.8	81.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	54.3	54.6	72.9	79.0	81.4	82.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	55.7	56.0	74.2	80.4	82.8	83.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	56.4	56.7	74.9	81.1	83.5	84.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	58.1	58.4	77.0	83.2	85.9	86.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	58.8	59.1	78.7	86.3	89.0	90.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	59.5	59.8	79.4	87.3	90.0	91.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	59.8	60.1	79.7	88.7	91.4	92.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	60.1	60.5	80.4	89.7	92.8	93.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	60.1	60.5	80.4	89.7	93.5	94.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	61.2	61.5	81.4	91.4	95.2	96.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	61.2	61.5	81.4	91.4	95.5	96.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	61.2	61.5	81.4	91.4	95.5	96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	61.2	61.5	81.4	91.4	95.5	96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	61.2	61.5	81.4	91.4	95.5	96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	61.2	61.5	81.4	91.4	95.5	96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	61.2	61.5	81.4	91.4	95.5	96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		30.8	31.1	39.5	43.8	46.2	46.5	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000		33.4	33.8	43.8	48.8	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000		33.4	33.8	43.8	48.8	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000		33.4	33.8	43.8	48.8	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000		33.4	33.8	43.8	48.8	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000		33.4	33.8	43.8	48.8	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 10000		43.8	44.1	57.9	65.9	68.6	68.9	69.6	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9
GE 9000		43.8	44.1	57.9	65.9	68.6	68.9	69.6	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9
GE 8000		43.8	44.1	57.9	65.9	68.6	68.9	69.6	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9
GE 7000		43.8	44.1	57.9	65.9	68.6	68.9	69.6	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9
GE 6000		43.8	44.1	57.9	65.9	68.6	68.9	69.6	70.2	70.2	70.6	70.6	70.6	70.6	70.9	70.9	70.9
GE 5000		44.1	44.5	58.2	66.6	69.2	69.6	70.2	70.9	70.9	71.2	71.2	71.2	71.6	71.6	71.6	71.6
GE 4500		44.1	44.5	58.5	66.9	69.6	69.9	70.6	71.2	71.2	71.6	71.6	71.6	71.6	71.9	71.9	71.9
GE 4000		44.8	45.2	60.2	68.9	72.2	72.6	73.6	74.2	74.2	74.6	74.6	74.6	74.6	74.9	74.9	75.3
GE 3500		45.2	45.5	60.5	69.2	72.6	72.9	73.9	74.6	74.6	74.9	74.9	74.9	74.9	75.3	75.3	75.6
GE 3000		45.5	45.8	60.9	69.6	72.9	73.2	74.2	74.9	74.9	75.3	75.3	75.3	75.3	75.6	75.6	75.9
GE 2500		46.8	47.2	63.2	72.2	75.6	75.9	76.9	77.6	77.6	77.9	77.9	77.9	77.9	78.3	78.3	78.6
GE 2000		47.8	48.2	64.9	73.9	77.6	77.9	78.9	79.6	79.6	79.9	79.9	79.9	79.9	80.3	80.3	80.6
GE 1800		47.8	48.2	65.2	74.2	77.9	78.6	79.6	80.3	80.3	80.6	80.6	80.6	80.6	80.9	80.9	81.3
GE 1500		50.5	50.8	67.9	77.3	80.9	81.6	83.3	83.9	83.9	84.3	84.3	84.3	84.3	84.6	84.6	84.9
GE 1200		52.5	52.8	70.2	80.3	84.6	85.3	87.0	87.6	87.6	88.0	88.0	88.0	88.0	88.3	88.3	88.6
GE 1000		53.2	53.5	71.9	82.6	87.0	87.6	89.3	90.0	90.0	90.3	90.3	90.3	90.3	90.6	90.6	91.0
GE 900		53.2	53.5	71.9	83.3	87.6	88.3	90.0	90.6	90.6	91.0	91.0	91.0	91.3	91.3	91.3	91.6
GE 800		53.8	54.2	72.6	83.9	88.6	89.3	91.0	91.6	91.6	92.0	92.0	92.0	92.3	92.3	92.3	92.6
GE 700		54.5	54.8	73.2	84.9	90.0	90.6	92.6	93.3	93.3	93.6	93.6	93.6	93.6	94.0	94.0	94.3
GE 600		55.2	55.5	74.2	86.0	91.3	92.0	94.3	95.0	95.0	95.3	95.3	95.3	95.3	95.7	95.7	96.0
GE 500		55.5	55.9	74.9	87.0	92.6	93.3	96.0	96.7	96.7	97.0	97.0	97.0	97.3	97.3	97.3	97.7
GE 400		55.5	55.9	74.9	87.0	92.6	93.3	96.0	97.0	97.0	97.3	97.3	97.3	97.3	97.7	97.7	98.0
GE 300		55.5	55.9	74.9	87.0	92.6	93.3	96.3	97.3	97.3	97.7	97.7	97.7	97.7	98.0	98.3	99.0
GE 200		55.5	55.9	74.9	87.0	92.6	93.3	96.3	97.3	97.3	97.7	97.7	97.7	98.0	98.7	99.0	99.7
GE 100		55.5	55.9	74.9	87.0	92.6	93.3	96.3	97.3	97.3	97.7	97.7	97.7	98.0	98.7	99.3	100.0
GE 0		55.5	55.9	74.9	87.0	92.6	93.3	96.3	97.3	97.3	97.7	97.7	97.7	98.0	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW LSSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 90	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	2.7	42.0	42.0	43.0	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	2.7	45.0	45.0	46.0	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 18000	2.7	45.0	45.0	46.0	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	2.7	45.0	45.0	46.0	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	2.7	45.0	45.0	46.0	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	2.7	45.0	45.0	46.0	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	3.3	58.7	58.7	61.7	67.7	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	3.3	58.7	58.7	61.7	67.7	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	3.3	58.7	58.7	61.7	67.7	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	3.3	58.7	58.7	61.7	67.7	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	3.3	58.7	58.7	61.7	67.7	68.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	3.7	60.3	60.3	63.7	69.7	70.7	70.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	3.7	60.7	60.7	64.0	70.0	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	3.7	62.0	62.0	66.0	72.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	3.7	62.3	62.3	66.7	72.7	73.7	73.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	3.7	63.7	63.7	68.0	74.3	75.3	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
GE 2500	3.7	65.3	65.3	69.7	76.0	77.7	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0
GE 2000	3.7	65.3	65.3	70.3	77.0	78.7	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0
GE 1800	3.7	66.0	66.0	71.3	78.3	80.0	80.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3
GE 1500	3.7	68.0	68.0	74.7	82.0	83.7	83.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.3
GE 1200	3.7	71.3	71.3	78.0	86.0	88.3	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0
GE 1000	3.7	73.0	73.0	81.0	89.3	92.3	92.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7
GE 900	3.7	73.0	73.0	81.3	89.7	93.0	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3
GE 800	3.7	73.0	73.0	81.3	90.0	93.7	93.7	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.7
GE 700	3.7	73.7	73.7	82.0	91.7	95.3	95.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.7
GE 600	3.7	73.7	73.7	82.0	91.7	95.3	95.7	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	99.0
GE 500	3.7	73.7	73.7	82.0	91.7	95.3	95.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3
GE 400	3.7	73.7	73.7	82.0	91.7	95.3	95.7	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	100.0
GE 300	3.7	73.7	73.7	82.0	91.7	95.3	95.7	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	100.0
GE 200	3.7	73.7	73.7	82.0	91.7	95.3	95.7	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	100.0
GE 100	3.7	73.7	73.7	82.0	91.7	95.3	95.7	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	100.0
GE 01	3.7	73.7	73.7	82.0	91.7	95.3	95.7	99.0	99.0	99.0	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 20000	1.3	28.7	28.7	28.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 18000	1.3	28.7	28.7	28.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 16000	1.3	28.7	28.7	28.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 14000	1.3	28.7	28.7	28.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 12000	1.3	28.7	28.7	28.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 10000	1.7	37.0	37.0	37.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 9000	1.7	37.0	37.0	37.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 8000	1.7	37.0	37.0	37.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	1.7	37.0	37.0	37.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000	1.7	37.0	37.0	37.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 5000	1.7	44.2	44.2	44.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 4500	1.7	44.9	44.9	45.5	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4000	3.0	60.7	60.7	62.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3500	3.3	63.7	63.7	65.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3000	3.3	69.6	69.6	71.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2500	5.6	74.9	74.9	76.9	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	5.9	79.9	79.9	83.2	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	5.9	80.5	80.5	83.8	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	5.9	80.9	80.9	84.5	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	5.9	82.5	82.5	87.1	93.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	5.9	82.5	82.5	87.1	94.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	5.9	83.2	83.2	88.4	96.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	5.9	83.2	83.2	88.4	96.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	5.9	83.2	83.2	88.4	96.4	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	5.9	83.2	83.2	88.4	96.7	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	5.9	83.2	83.2	88.4	96.7	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	5.9	83.2	83.2	88.4	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.9	83.2	83.2	88.4	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.9	83.2	83.2	88.4	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.9	83.2	83.2	88.4	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.9	83.2	83.2	88.4	96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 20000	2.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 18000	2.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 16000	2.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 14000	2.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 12000	2.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 10000	2.6	39.3	39.3	39.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 9000	2.6	39.3	39.3	39.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 8000	2.6	39.3	39.3	39.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 7000	2.6	39.3	39.3	39.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 6000	2.6	39.9	39.9	40.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 5000	3.0	50.8	50.8	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 4500	3.0	51.8	51.8	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 4000	3.0	67.7	67.7	68.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	3.0	68.6	68.6	70.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3000	3.0	74.3	74.3	75.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	4.0	79.9	79.9	81.8	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	5.0	83.2	83.2	85.5	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	5.3	84.8	84.8	87.5	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	5.3	86.5	86.5	90.1	93.7	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	5.9	87.8	87.8	91.7	95.7	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	5.9	88.1	88.1	92.1	96.4	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	5.9	88.1	88.1	92.4	97.0	97.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	5.9	88.1	88.1	92.4	97.4	98.0	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	5.9	88.1	88.1	92.7	97.7	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	5.9	88.1	88.1	92.7	97.7	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	5.9	88.1	88.1	92.7	97.7	98.7	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	5.9	88.1	88.1	92.7	98.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	5.9	88.1	88.1	92.7	98.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	5.9	88.1	88.1	92.7	98.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	5.9	88.1	88.1	92.7	98.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	5.9	88.1	88.1	92.7	98.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.7	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	1.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	1.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 16000	1.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 14000	1.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 12000	1.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 10000	2.0	55.1	55.1	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	2.0	55.1	55.1	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	2.0	55.1	55.1	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	2.0	55.1	55.1	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	2.0	56.5	56.5	56.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	2.3	61.1	61.1	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.5	63.5
GE 4500	2.3	62.1	62.1	63.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8
GE 4000	4.0	75.1	75.1	77.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7
GE 3500	4.0	77.4	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.1	81.1	81.1	81.1	81.1
GE 3000	4.0	81.1	81.1	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0
GE 2500	5.0	84.7	84.7	88.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0
GE 2000	5.3	86.7	86.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0
GE 1800	5.3	87.0	87.0	91.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4
GE 1500	5.3	88.4	88.4	93.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3
GE 1200	5.3	89.0	89.0	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0
GE 1000	5.3	89.7	89.7	94.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7
GE 900	5.3	89.7	89.7	94.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7
GE 800	5.3	89.7	89.7	94.7	97.7	98.3	98.3	98.3	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 700	5.3	90.0	90.0	95.0	98.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3
GE 600	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 500	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
GE 400	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	5.3	90.0	90.0	95.0	98.3	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

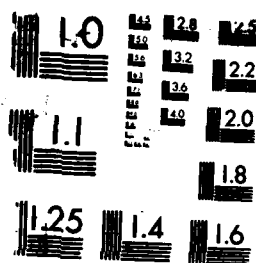
AD-A188 080

MOSCOW USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOS) PARTS A-F(1) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. NOV 87
UNCLASSIFIED USAFETAC/DS-87/075 F/G 4/2

3/3

NL

1740
1740
1740



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.6	38.0	38.0	40.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	2.6	46.5	46.5	49.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 18000	2.6	46.5	46.5	49.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	2.6	46.5	46.5	49.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	2.6	46.5	46.5	49.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	2.6	46.5	46.5	49.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	2.6	65.0	65.0	70.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	2.6	65.0	65.0	70.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	2.6	65.0	65.0	70.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	2.6	65.0	65.0	70.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	2.6	65.0	65.0	70.0	71.0	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	2.6	66.3	66.3	72.3	73.3	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	2.6	66.3	66.3	72.3	73.3	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	2.6	70.6	70.6	77.2	78.9	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	2.6	71.9	71.9	78.5	80.2	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	2.6	73.9	73.9	80.9	83.2	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	2.6	75.2	75.2	82.8	85.5	86.1	86.1	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	87.1
GE 2000	3.0	77.6	77.6	85.1	87.8	88.4	88.4	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.4
GE 1800	3.0	77.9	77.9	85.8	88.4	89.1	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	90.1
GE 1500	3.0	77.9	77.9	86.8	89.4	90.1	90.1	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	91.1
GE 1200	3.0	79.9	79.9	89.1	93.7	94.4	94.4	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.4
GE 1000	3.0	79.9	79.9	89.8	94.7	95.4	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.4
GE 900	3.0	80.9	80.9	90.8	95.7	96.7	96.7	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 800	3.0	80.9	80.9	90.8	95.7	96.7	96.7	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.7
GE 700	3.0	80.9	80.9	90.8	95.7	96.7	96.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	98.0
GE 600	3.0	80.9	80.9	90.8	96.4	97.4	97.4	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.7
GE 500	3.0	80.9	80.9	90.8	96.4	97.4	97.4	98.0	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 400	3.0	80.9	80.9	90.8	96.4	97.4	97.4	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 300	3.0	80.9	80.9	90.8	96.4	97.4	97.4	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7
GE 200	3.0	80.9	80.9	90.8	96.4	97.7	97.7	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	3.0	80.9	80.9	90.8	96.4	97.7	97.7	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	3.0	80.9	80.9	90.8	96.4	97.7	97.7	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.3	31.4	31.5	35.9	37.0	37.8	37.9	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 20000	1.3	36.0	36.1	40.7	42.3	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 18000	1.3	36.0	36.1	40.7	42.3	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 16000	1.3	36.0	36.1	40.7	42.3	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 14000	1.3	36.0	36.1	40.7	42.3	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000	1.3	36.0	36.1	40.7	42.3	43.1	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 10000	1.6	50.8	50.9	57.2	60.8	61.8	61.9	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
GE 9000	1.6	50.8	50.9	57.2	60.8	61.8	61.9	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
GE 8000	1.6	50.8	50.9	57.2	60.8	61.8	61.9	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
GE 7000	1.6	50.8	50.9	57.2	60.8	61.8	61.9	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
GE 6000	1.6	51.1	51.3	57.6	61.2	62.2	62.3	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 5000	1.7	54.9	55.0	61.7	65.4	66.4	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
GE 4500	1.7	55.3	55.4	62.2	65.9	66.9	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 4000	2.1	61.9	62.0	69.6	73.6	74.7	74.9	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8
GE 3500	2.1	63.0	63.1	70.7	74.8	75.9	76.2	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0
GE 3000	2.1	65.8	65.9	73.7	78.2	79.3	79.6	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4
GE 2500	2.7	68.4	68.5	76.9	81.7	82.9	83.2	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2
GE 2000	2.9	70.5	70.6	79.4	84.4	85.8	86.1	86.7	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.1
GE 1800	3.0	71.0	71.2	80.2	85.4	86.7	87.0	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	88.1
GE 1500	3.0	72.3	72.5	82.1	87.4	88.8	89.1	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.4
GE 1200	3.1	74.0	74.1	84.2	90.3	92.0	92.3	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7
GE 1000	3.1	74.5	74.6	85.2	91.7	93.7	94.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.5
GE 900	3.1	74.9	75.0	85.7	92.5	94.6	95.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.4
GE 800	3.1	75.0	75.1	85.9	92.9	95.1	95.5	96.6	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.1
GE 700	3.1	75.2	75.4	86.2	93.4	95.8	96.3	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.0
GE 600	3.1	75.4	75.6	86.4	93.9	96.4	96.8	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.7
GE 500	3.1	75.5	75.6	86.5	94.0	96.7	97.2	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2
GE 400	3.1	75.5	75.6	86.5	94.1	96.8	97.3	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5
GE 300	3.1	75.5	75.6	86.5	94.1	96.8	97.3	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.6	99.7
GE 200	3.1	75.5	75.6	86.5	94.1	96.9	97.4	99.0	99.2	99.3	99.4	99.5	99.7	99.7	99.8	100.0
GE 100	3.1	75.5	75.6	86.5	94.1	96.9	97.4	99.0	99.2	99.3	99.4	99.5	99.7	99.7	99.8	100.0
GE 0	3.1	75.5	75.6	86.5	94.1	96.9	97.4	99.0	99.2	99.3	99.4	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2378

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		38.6	38.9	52.9	56.3	57.3	57.3	58.0	58.0	58.0	58.0	58.4	58.4	58.4	58.4	58.4
GE 20000		39.6	39.9	53.9	57.3	58.4	58.4	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4
GE 18000		39.6	39.9	53.9	57.3	58.4	58.4	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4
GE 16000		39.6	39.9	53.9	57.3	58.4	58.4	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4
GE 14000		39.6	39.9	53.9	57.3	58.4	58.4	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4
GE 12000		39.6	39.9	53.9	57.3	58.4	58.4	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4
GE 10000		54.3	54.6	71.0	76.5	78.8	78.8	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5
GE 9000		54.3	54.6	71.0	76.5	78.8	78.8	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5
GE 8000		54.3	54.6	71.0	76.5	78.8	78.8	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5
GE 7000		54.3	54.6	71.0	76.5	78.8	78.8	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5
GE 6000		54.3	54.9	71.3	76.8	79.2	79.2	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9
GE 5000		54.9	55.6	72.0	77.5	79.9	79.9	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6
GE 4500		54.9	55.6	72.0	77.5	79.9	79.9	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6
GE 4000		56.0	56.7	73.4	78.8	81.2	81.2	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9
GE 3500		56.7	57.3	74.1	79.5	81.9	81.9	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6
GE 3000		58.0	58.7	75.4	80.9	83.3	83.3	84.6	84.6	84.6	84.6	85.0	85.0	85.0	85.0	85.0
GE 2500		59.4	60.1	78.2	83.6	86.0	86.0	87.4	87.4	87.4	87.4	87.7	87.7	88.1	88.1	88.1
GE 2000		61.4	62.1	80.2	86.3	89.4	89.4	90.8	90.8	90.8	90.8	91.5	91.5	91.8	91.8	91.8
GE 1800		61.8	62.5	80.5	86.7	89.8	89.8	91.1	91.1	91.1	91.1	91.8	91.8	92.2	92.2	92.2
GE 1500		61.8	62.5	80.9	87.7	90.8	90.8	92.2	92.2	92.2	92.2	92.8	92.8	93.2	93.2	93.2
GE 1200		63.1	63.8	82.9	90.8	93.9	93.9	95.2	95.2	95.2	95.2	95.9	95.9	96.2	96.2	96.2
GE 1000		63.8	64.5	83.6	92.5	95.6	95.6	96.9	96.9	96.9	96.9	97.6	97.6	98.0	98.0	98.0
GE 900		63.8	64.5	83.6	92.8	96.6	96.6	98.0	98.0	98.0	98.0	98.6	98.6	99.0	99.0	99.0
GE 800		63.8	64.5	84.0	93.2	97.3	97.3	98.6	98.6	98.6	98.6	99.3	99.3	99.7	99.7	99.7
GE 700		63.8	64.5	84.0	93.2	97.3	97.3	98.6	98.6	98.6	98.6	99.3	99.3	99.7	99.7	99.7
GE 600		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 500		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 400		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 300		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 200		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 100		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0
GE 01		64.2	64.8	84.3	93.5	97.6	97.6	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		33.6	34.2	46.1	51.9	53.9	53.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 20000		33.9	34.6	46.8	52.5	54.6	54.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000		33.9	34.6	46.8	52.5	54.6	54.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000		33.9	34.6	46.8	52.5	54.6	54.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000		33.9	34.6	46.8	52.5	54.6	54.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000		33.9	34.6	46.8	52.5	54.6	54.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000		45.8	46.8	61.7	69.2	71.9	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000		45.8	46.8	61.7	69.2	71.9	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000		45.8	46.8	61.7	69.2	71.9	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000		45.8	46.8	61.7	69.2	71.9	71.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000		45.8	46.8	62.4	69.8	72.5	72.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000		46.1	47.1	63.4	71.5	74.2	74.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500		47.1	48.1	64.4	72.5	75.3	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000		48.8	49.8	67.5	75.9	79.0	79.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500		48.8	49.8	67.8	76.3	79.3	79.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000		48.8	49.8	67.8	76.6	79.7	79.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500		50.5	51.5	70.5	79.7	83.1	83.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000		52.9	53.9	72.9	83.1	86.4	86.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800		53.6	54.6	73.9	84.1	87.5	87.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500		54.2	55.3	75.3	86.1	89.5	89.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200		56.3	57.3	78.0	89.2	92.5	92.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000		57.6	58.6	79.7	90.8	94.9	94.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900		58.0	59.0	80.0	91.5	95.6	95.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800		58.0	59.0	80.0	91.5	95.9	95.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700		58.3	59.3	80.3	91.9	96.6	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600		58.3	59.3	80.3	91.9	96.6	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500		58.3	59.3	80.3	92.2	96.9	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		58.3	59.3	80.3	92.2	96.9	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300		58.3	59.3	80.3	92.2	96.9	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200		58.3	59.3	80.3	92.5	97.3	97.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100		58.3	59.3	80.3	92.5	97.3	97.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 0		58.3	59.3	80.3	92.5	97.3	97.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		25.4	25.4	34.7	39.9	43.6	43.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
GE 20000		27.4	27.4	37.6	43.6	47.5	47.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
GE 18000		27.4	27.4	37.6	43.6	47.5	47.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
GE 16000		27.4	27.4	37.6	43.6	47.5	47.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
GE 14000		27.4	27.4	37.6	43.6	47.5	47.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
GE 12000		27.4	27.4	37.6	43.6	47.5	47.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5
GE 10000		38.9	39.3	52.8	62.0	66.7	67.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 9000		38.9	39.3	52.8	62.0	66.7	67.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 8000		38.9	39.3	52.8	62.0	66.7	67.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6
GE 7000		38.9	39.3	52.8	62.0	66.7	67.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.0
GE 6000		39.3	39.6	53.1	62.4	67.0	67.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3
GE 5000		39.3	39.6	53.5	63.0	68.0	68.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
GE 4500		39.3	39.6	53.5	63.0	68.0	68.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
GE 4000		39.9	40.3	56.4	66.0	71.0	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.6
GE 3500		40.3	40.6	57.4	67.0	71.9	72.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6
GE 3000		41.6	41.9	58.7	68.6	73.6	73.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 2500		42.6	42.9	61.1	71.6	76.9	77.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.9
GE 2000		43.6	43.9	62.0	73.3	78.9	79.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.8
GE 1800		43.6	43.9	62.0	73.3	78.9	79.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.8
GE 1500		44.9	45.2	63.4	75.2	80.9	81.2	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.8
GE 1200		47.5	47.9	67.0	79.5	85.5	85.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.4
GE 1000		49.2	49.5	69.3	82.5	88.4	88.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.4
GE 900		49.5	49.8	70.0	83.5	90.1	90.4	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	93.1
GE 800		49.5	49.8	70.3	84.5	91.7	92.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.7
GE 700		50.2	50.5	71.0	85.5	93.1	93.4	96.0	96.0	96.0	96.0	96.4	96.4	96.4	96.4	96.7
GE 600		50.2	50.5	71.3	86.1	94.1	94.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.3
GE 500		50.5	50.8	71.6	86.5	94.4	94.7	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.7	99.0
GE 400		50.5	50.8	71.6	86.5	94.4	94.7	98.3	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.7
GE 300		50.5	50.8	71.6	86.5	94.4	94.7	98.3	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.7
GE 200		50.5	50.8	71.6	86.5	94.4	94.7	98.3	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.7
GE 100		50.5	50.8	71.6	86.5	94.4	94.7	98.3	98.7	98.7	98.7	99.0	99.3	99.7	99.7	100.0
GE 0		50.5	50.8	71.6	86.5	94.4	94.7	98.3	98.7	98.7	98.7	99.0	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.3	39.3	39.3	42.6	46.9	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	1.3	44.6	44.6	47.9	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	1.3	44.6	44.6	47.9	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	1.3	44.6	44.6	47.9	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	1.3	44.6	44.6	47.9	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	1.3	44.6	44.6	47.9	52.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 10000	1.3	56.1	56.1	59.4	68.3	69.3	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	1.3	56.1	56.1	59.4	68.3	69.3	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	1.3	56.1	56.1	59.4	68.3	69.3	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	1.3	56.1	56.1	59.4	68.3	69.3	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	1.3	56.1	56.1	59.4	68.3	69.3	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	1.3	56.8	56.8	60.1	69.0	70.0	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	1.3	56.8	56.8	60.1	69.0	70.0	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	1.3	57.4	57.4	61.1	70.0	71.3	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	1.3	57.4	57.4	61.1	70.3	71.6	71.6	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	1.3	57.8	58.1	61.4	71.0	72.3	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	1.3	58.7	59.1	63.0	73.3	74.9	74.9	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000	1.3	60.1	60.4	64.7	75.2	76.9	76.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	1.3	60.7	61.1	65.3	75.9	77.6	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1500	1.3	63.4	63.7	68.3	78.9	80.5	80.5	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1200	1.3	67.0	67.3	73.6	84.8	86.5	86.5	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	1.3	68.6	69.0	75.6	89.4	91.4	91.4	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	1.3	68.6	69.0	75.6	89.4	91.7	91.7	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	1.3	69.0	69.3	75.9	90.4	93.4	93.4	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	1.3	70.0	70.3	77.2	92.7	96.0	96.0	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	1.3	70.0	70.3	77.2	93.4	97.4	97.4	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	1.3	70.0	70.3	77.2	93.4	97.7	97.7	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	1.3	70.0	70.3	77.2	93.7	98.0	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	1.3	70.0	70.3	77.2	93.7	98.0	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	1.3	70.0	70.3	77.2	93.7	98.0	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	1.3	70.0	70.3	77.2	93.7	98.0	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		1.0	34.3	34.3	34.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000		1.0	39.0	39.0	39.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 18000		1.0	39.0	39.0	39.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 16000		1.0	39.0	39.0	39.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 14000		1.0	39.0	39.0	39.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000		1.0	39.0	39.0	39.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000		1.7	47.7	47.7	48.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 9000		1.7	47.7	47.7	48.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 8000		1.7	47.7	47.7	48.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 7000		1.7	47.7	47.7	48.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 6000		1.7	48.0	48.0	48.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 5000		1.7	49.7	49.7	50.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4500		1.7	49.7	49.7	50.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4000		1.7	59.3	59.3	60.0	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3500		1.7	60.7	60.7	61.3	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3000		1.7	65.0	65.0	66.3	70.3	70.3	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500		2.7	73.0	73.0	75.3	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000		2.7	77.7	77.7	80.3	85.0	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800		2.7	78.7	78.7	81.3	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500		2.7	81.0	81.0	84.3	89.3	89.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200		2.7	83.0	83.3	87.3	93.3	93.3	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000		2.7	84.0	84.3	88.7	95.7	95.7	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900		2.7	84.0	84.3	88.7	96.0	96.0	96.0	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800		2.7	84.3	84.7	89.3	97.0	97.3	97.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		2.7	84.3	84.7	89.3	97.0	98.0	98.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1.3	26.7	26.7	26.7	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 20000	1.3	28.7	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 18000	1.3	28.7	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 16000	1.3	28.7	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 14000	1.3	28.7	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 12000	1.3	28.7	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 10000	1.3	44.6	44.6	45.2	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	1.3	44.6	44.6	45.2	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 8000	1.3	44.6	44.6	45.2	45.5	45.5	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	1.3	44.9	44.9	45.5	45.9	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	1.3	45.2	45.2	45.9	46.2	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 5000	1.3	49.5	49.5	50.5	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 4500	1.3	49.8	49.8	50.8	51.5	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 4000	2.0	65.0	65.0	66.7	67.3	67.3	67.3	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	2.0	67.0	67.0	68.6	69.3	69.3	69.3	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	2.0	73.3	73.3	75.2	75.9	75.9	75.9	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	2.6	79.5	79.5	81.8	83.2	83.2	83.2	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	2.6	84.8	84.8	87.1	88.4	88.4	88.4	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	2.6	85.5	85.5	87.8	89.1	89.1	89.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	90.1
GE 1500	2.6	86.1	86.1	89.4	91.7	91.7	91.7	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.7
GE 1200	3.6	88.1	88.1	93.1	95.7	96.0	96.0	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.4
GE 1000	3.6	88.1	88.1	93.4	96.7	97.4	97.4	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.7
GE 900	3.6	88.4	88.4	94.1	97.4	98.0	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 800	3.6	88.4	88.4	94.1	97.4	98.0	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 700	3.6	88.4	88.4	94.4	97.7	98.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 600	3.6	88.4	88.4	94.4	97.7	98.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 500	3.6	88.4	88.4	94.4	97.7	98.3	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 400	3.6	88.4	88.4	94.4	98.0	98.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	3.6	88.4	88.4	94.4	98.0	98.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	3.6	88.4	88.4	94.4	98.0	98.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	3.6	88.4	88.4	94.4	98.0	98.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	3.6	88.4	88.4	94.4	98.0	98.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 1400-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 37	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	2.6	37.3	37.3	37.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 20000	2.6	40.9	40.9	40.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	2.6	40.9	40.9	40.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 16000	2.6	40.9	40.9	40.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 14000	2.6	40.9	40.9	40.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	2.6	40.9	40.9	40.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	3.6	62.7	62.7	63.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	3.6	62.7	62.7	63.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 8000	3.6	62.7	62.7	63.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 7000	3.6	62.7	62.7	63.4	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	3.6	63.0	63.0	63.7	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	3.6	65.7	65.7	66.3	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	3.6	66.3	66.3	67.0	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	3.6	73.6	73.6	75.2	76.9	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	3.6	75.2	75.2	76.9	78.5	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	3.6	81.2	81.2	83.2	85.1	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	3.6	83.8	83.8	86.8	88.8	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	3.6	86.1	86.1	89.4	92.1	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	3.6	86.5	86.5	89.8	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	3.6	87.8	87.8	91.7	94.7	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	3.6	89.1	89.1	93.7	96.7	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	3.6	89.1	89.1	94.4	97.4	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	3.6	89.1	89.1	94.4	97.4	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	3.6	89.1	89.1	94.4	97.4	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	3.6	89.1	89.1	94.7	98.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	3.6	89.1	89.1	94.7	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET	1	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL	1	.3	37.9	37.9	47.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	1	.3	43.3	43.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	1	.3	43.3	43.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	1	.3	43.3	43.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 14000	1	.3	43.3	43.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	1	.3	43.3	43.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 10000	1	.3	56.4	56.4	68.1	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5
GE 9000	1	.3	56.4	56.4	68.1	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5
GE 8000	1	.3	56.4	56.4	68.1	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5
GE 7000	1	.3	56.4	56.4	68.1	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5
GE 6000	1	.3	56.4	56.4	68.1	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5	72.5	72.5
GE 5000	1	.3	58.4	58.4	70.5	73.8	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2
GE 4500	1	.3	58.7	58.7	70.8	74.2	74.8	74.8	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5
GE 4000	1	.3	62.4	62.4	76.2	79.5	80.2	80.2	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9
GE 3500	1	.3	62.8	62.8	76.5	79.9	80.5	80.5	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2
GE 3000	1	.3	65.1	65.1	79.5	82.9	83.6	83.6	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2
GE 2500	1	.7	68.8	68.8	83.9	87.6	88.3	88.3	88.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9
GE 2000	1	.7	70.8	70.8	85.9	89.9	90.6	90.6	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6
GE 1800	1	.7	71.8	71.8	86.9	91.3	91.9	91.9	92.6	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0
GE 1500	1	.7	72.5	72.5	87.9	92.3	93.0	93.0	93.6	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0
GE 1200	1	.7	73.8	73.8	89.6	95.0	95.6	95.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0
GE 1000	1	.7	74.5	74.5	90.6	97.0	98.0	98.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3
GE 900	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 800	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	1	.7	74.5	74.5	90.6	97.3	98.7	98.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GF 0
NO CEIL		.8	34.1	34.2	40.2	43.0	43.9	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000		.8	37.2	37.3	43.4	46.4	47.4	47.4	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0
GE 18000		.8	37.2	37.3	43.4	46.4	47.4	47.4	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0
GE 16000		.8	37.2	37.3	43.4	46.4	47.4	47.4	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0
GE 14000		.8	37.2	37.3	43.4	46.4	47.4	47.4	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0
GE 12000		.8	37.2	37.3	43.4	46.4	47.4	47.4	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0
GE 10000		1.0	50.8	51.0	58.7	63.6	65.0	65.1	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 9000		1.0	50.8	51.0	58.7	63.6	65.0	65.1	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 8000		1.0	50.8	51.0	58.7	63.6	65.0	65.1	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 7000		1.0	50.8	51.0	58.7	63.6	65.1	65.1	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0
GE 6000		1.0	51.0	51.3	59.0	63.9	65.3	65.4	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
GE 5000		1.0	52.5	52.8	60.8	65.8	67.3	67.3	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3
GE 4500		1.0	52.8	53.1	61.1	66.1	67.6	67.6	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6
GE 4000		1.1	57.8	58.1	67.0	72.2	73.8	73.9	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9
GE 3500		1.1	58.6	58.9	67.9	73.2	74.8	74.8	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9
GE 3000		1.1	61.4	61.7	70.9	76.4	78.0	78.0	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1
GE 2500		1.4	64.6	64.9	75.1	80.9	82.7	82.7	83.6	83.6	83.7	83.7	83.8	83.8	83.9	83.9	83.9
GE 2000		1.4	67.2	67.5	77.8	84.2	86.0	86.1	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3
GE 1800		1.4	67.8	68.1	78.4	84.9	86.7	86.8	87.7	87.7	87.8	87.8	87.9	87.9	88.0	88.0	88.1
GE 1500		1.4	69.0	69.3	80.2	87.0	88.9	88.9	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.2
GE 1200		1.5	71.1	71.4	83.2	90.6	92.6	92.6	93.6	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.1
GE 1000		1.5	71.9	72.3	84.4	92.7	95.0	95.0	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.5
GE 900		1.5	72.1	72.4	84.6	93.2	95.6	95.7	96.7	96.7	96.9	96.9	97.0	97.0	97.1	97.1	97.2
GE 800		1.5	72.1	72.5	84.8	93.6	96.3	96.4	97.5	97.5	97.7	97.7	97.8	97.8	97.9	97.9	98.0
GE 700		1.5	72.4	72.7	85.2	94.2	97.1	97.2	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8
GE 600		1.5	72.4	72.8	85.3	94.4	97.5	97.5	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.3
GE 500		1.5	72.5	72.8	85.3	94.5	97.6	97.7	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 400		1.5	72.5	72.8	85.3	94.6	97.7	97.7	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.8
GE 300		1.5	72.5	72.8	85.3	94.6	97.7	97.7	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.9
GE 200		1.5	72.5	72.8	85.3	94.6	97.7	97.8	99.3	99.4	99.6	99.6	99.7	99.8	99.9	99.9	100.0
GE 100		1.5	72.5	72.8	85.3	94.6	97.7	97.8	99.3	99.4	99.6	99.6	99.7	99.8	99.9	99.9	100.0
GE 0		1.5	72.5	72.8	85.3	94.6	97.7	97.8	99.3	99.4	99.6	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2398

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		33.2	33.2	40.4	45.0	45.4	45.4	45.4	45.7	45.7	45.7	45.7	45.7	46.1	46.1	46.1
GE 20000		34.3	34.3	42.1	47.5	47.9	47.9	48.6	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3
GE 18000		34.3	34.3	42.1	47.5	47.9	47.9	48.6	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3
GE 16000		34.3	34.3	42.1	47.5	47.9	47.9	48.6	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3
GE 14000		34.3	34.3	42.1	47.5	47.9	47.9	48.6	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3
GE 12000		34.3	34.3	42.1	47.5	47.9	47.9	48.6	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3
GE 10000		46.4	46.4	57.5	65.4	66.8	66.8	67.5	67.9	67.9	67.9	67.9	67.9	68.2	68.2	68.2
GE 9000		46.4	46.4	57.5	65.4	66.8	66.8	67.5	67.9	67.9	67.9	67.9	67.9	68.2	68.2	68.2
GE 8000		46.4	46.4	57.5	65.4	66.8	66.8	67.5	67.9	67.9	67.9	67.9	67.9	68.2	68.2	68.2
GE 7000		46.8	46.8	57.9	65.7	67.1	67.1	67.9	68.2	68.2	68.2	68.2	68.2	68.6	68.6	68.6
GE 6000		46.8	46.8	58.2	66.1	67.5	67.5	68.2	68.6	68.6	68.6	68.6	68.6	68.9	68.9	68.9
GE 5000		47.5	47.5	58.9	66.8	68.2	68.2	68.9	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6
GE 4500		47.5	47.5	58.9	66.8	68.2	68.2	68.9	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6
GE 4000		48.9	48.9	61.4	69.3	70.7	70.7	71.8	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.5
GE 3500		49.6	49.6	62.1	70.0	71.4	71.4	72.5	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2
GE 3000		52.9	52.9	65.4	73.6	75.0	75.0	76.1	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8
GE 2500		53.9	53.9	66.8	75.4	76.8	76.8	78.2	78.6	78.6	78.6	78.6	78.6	78.9	78.9	78.9
GE 2000		55.0	55.0	68.9	78.2	80.0	80.0	81.4	81.8	81.8	81.8	81.8	81.8	82.1	82.1	82.1
GE 1800		55.7	55.7	69.6	78.9	80.7	80.7	82.1	82.5	82.5	82.5	82.5	82.5	82.9	82.9	82.9
GE 1500		58.6	58.6	73.2	82.5	84.3	84.3	85.7	86.1	86.1	86.1	86.1	86.1	86.4	86.4	86.4
GE 1200		62.1	62.1	78.2	88.2	90.4	90.4	92.1	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9
GE 1000		63.2	63.2	79.3	90.7	92.9	92.9	94.6	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4
GE 900		63.6	63.6	79.6	91.4	93.9	93.9	95.7	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4
GE 800		63.6	63.6	80.4	92.1	94.6	94.6	96.8	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.5
GE 700		63.9	63.9	81.1	93.2	95.7	95.7	97.9	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6
GE 600		63.9	63.9	81.1	93.6	96.1	96.1	98.2	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 500		63.9	63.9	81.1	93.6	96.1	96.1	98.2	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 400		63.9	63.9	81.1	93.6	96.1	96.1	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 300		63.9	63.9	81.1	93.6	96.1	96.1	98.6	98.9	98.9	98.9	98.9	98.9	99.6	99.6	100.0
GE 200		63.9	63.9	81.1	93.6	96.1	96.1	98.6	98.9	98.9	98.9	98.9	98.9	99.6	99.6	100.0
GE 100		63.9	63.9	81.1	93.6	96.1	96.1	98.6	98.9	98.9	98.9	98.9	98.9	99.6	99.6	100.0
GE 0		63.9	63.9	81.1	93.6	96.1	96.1	98.6	98.9	98.9	98.9	98.9	98.9	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 280

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		22.8	23.4	27.6	36.6	36.6	36.6	36.9	37.2	37.2	37.2	37.2	37.2	37.6	37.6	37.6
GE 20000		24.1	24.8	29.0	38.3	38.3	38.3	38.6	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3
GE 18000		24.1	24.8	29.0	38.3	38.3	38.3	38.6	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3
GE 16000		24.1	24.8	29.0	38.3	38.3	38.3	38.6	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3
GE 14000		24.1	24.8	29.0	38.3	38.3	38.3	38.6	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3
GE 12000		24.1	24.8	29.0	38.3	38.3	38.3	38.6	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3
GE 10000		33.1	33.8	42.4	55.2	56.6	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9
GE 9000		33.1	33.8	42.4	55.2	56.6	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9
GE 8000		33.1	33.8	42.4	55.2	56.6	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9
GE 7000		33.1	33.8	42.4	55.2	56.6	56.6	57.2	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9
GE 6000		33.4	34.1	42.8	55.5	56.9	56.9	57.6	57.9	57.9	57.9	57.9	57.9	58.3	58.3	58.3
GE 5000		33.4	34.1	43.1	55.9	57.2	57.2	57.9	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6
GE 4500		33.4	34.1	43.1	55.9	57.2	57.2	57.9	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6
GE 4000		36.2	36.9	46.6	59.3	60.7	60.7	61.4	61.7	61.7	61.7	61.7	61.7	62.1	62.1	62.1
GE 3500		36.6	37.2	46.9	60.0	61.4	61.4	62.1	62.4	62.4	62.4	62.4	62.4	62.8	62.8	62.8
GE 3000		41.4	42.1	52.1	65.5	66.9	66.9	68.3	68.6	68.6	68.6	68.6	68.6	69.0	69.0	69.0
GE 2500		44.5	45.2	55.9	69.3	71.4	71.7	73.1	73.4	73.4	73.4	73.4	73.4	73.8	73.8	73.8
GE 2000		46.2	46.9	58.6	73.1	75.2	75.5	76.9	77.2	77.2	77.2	77.2	77.2	77.6	77.6	77.6
GE 1800		46.2	46.9	59.0	73.4	75.5	75.9	77.2	77.6	77.6	77.6	77.6	77.6	77.9	77.9	77.9
GE 1500		47.6	48.3	61.7	76.6	78.6	79.0	80.3	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0
GE 1200		50.3	51.4	65.9	81.4	83.4	83.8	85.5	85.9	85.9	85.9	85.9	85.9	86.2	86.2	86.2
GE 1000		53.1	54.1	69.7	86.9	89.7	90.0	91.7	92.1	92.1	92.1	92.1	92.1	92.4	92.4	92.4
GE 900		54.1	55.2	71.4	90.3	93.1	93.4	95.2	95.5	95.5	95.5	95.5	95.5	95.9	95.9	95.9
GE 800		54.5	55.5	71.7	91.0	93.8	94.1	96.2	96.6	96.6	96.6	96.6	96.6	96.9	96.9	96.9
GE 700		54.5	55.5	71.7	91.4	94.1	94.5	96.6	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2
GE 600		54.8	55.9	72.1	91.7	94.8	95.2	97.2	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9
GE 500		54.8	55.9	72.1	91.7	95.2	95.5	97.6	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3
GE 400		54.8	55.9	72.1	91.7	95.2	95.5	97.9	98.3	98.3	98.3	98.3	98.6	99.0	99.0	99.0
GE 300		54.8	55.9	72.1	91.7	95.2	95.5	97.9	98.3	98.6	98.6	98.6	99.0	99.3	99.3	99.3
GE 200		54.8	55.9	72.1	91.7	95.2	95.5	97.9	98.3	98.6	98.6	99.0	99.0	99.3	99.3	99.7
GE 100		54.8	55.9	72.1	91.7	95.2	95.5	97.9	98.3	98.6	98.6	99.0	99.0	99.3	99.3	100.0
GE CI		54.8	55.9	72.1	91.7	95.2	95.5	97.9	98.3	98.6	98.6	99.0	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0600-0800

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		18.3	18.3	21.8	27.5	30.6	31.0	31.7	32.0	32.0	32.0	32.4	32.7	32.7	32.7	32.7
GE 20000		20.1	20.1	24.3	31.3	34.5	34.9	35.6	35.9	35.9	35.9	36.3	36.6	36.6	36.6	36.6
GE 18000		20.1	20.1	24.3	31.3	34.5	34.9	35.6	35.9	35.9	35.9	36.3	36.6	36.6	36.6	36.6
GE 16000		20.1	20.1	24.3	31.3	34.5	34.9	35.6	35.9	35.9	35.9	36.3	36.6	36.6	36.6	36.6
GE 14000		20.1	20.1	24.3	31.3	34.5	34.9	35.6	35.9	35.9	35.9	36.3	36.6	36.6	36.6	36.6
GE 12000		20.1	20.1	24.3	31.3	34.5	34.9	35.6	35.9	35.9	35.9	36.3	36.6	36.6	36.6	36.6
GE 10000		28.9	28.9	35.2	44.0	47.2	47.9	48.9	49.3	49.3	49.3	49.6	50.0	50.0	50.0	50.0
GE 9000		28.9	28.9	35.2	44.0	47.2	47.9	48.9	49.3	49.3	49.3	49.6	50.0	50.0	50.0	50.0
GE 8000		28.9	28.9	35.2	44.0	47.2	47.9	48.9	49.3	49.3	49.3	49.6	50.0	50.0	50.0	50.0
GE 7000		28.9	28.9	35.2	44.0	47.2	47.9	48.9	49.3	49.3	49.3	49.6	50.0	50.0	50.0	50.0
GE 6000		28.9	28.9	35.2	44.0	47.2	47.9	48.9	49.3	49.3	49.3	49.6	50.0	50.0	50.0	50.0
GE 5000		28.9	28.9	35.9	44.7	47.9	48.6	49.6	50.0	50.0	50.0	50.4	50.7	50.7	50.7	50.7
GE 4500		28.9	28.9	35.9	44.7	47.9	48.6	49.6	50.0	50.0	50.0	50.4	50.7	50.7	50.7	50.7
GE 4000		31.3	31.3	39.4	49.3	52.8	53.5	54.9	55.3	55.3	55.3	55.6	56.0	56.0	56.0	56.0
GE 3500		31.3	31.3	39.4	49.6	53.2	53.9	55.3	55.6	55.6	55.6	56.0	56.3	56.3	56.3	56.3
GE 3000		33.5	33.5	41.9	52.1	56.0	56.7	58.1	58.5	58.5	58.5	58.8	59.2	59.2	59.2	59.2
GE 2500	.4	34.9	34.9	44.7	54.9	58.8	59.5	61.3	61.6	61.6	61.6	62.0	62.3	62.3	62.3	62.3
GE 2000	.4	35.9	35.9	46.8	57.7	61.6	62.3	64.4	64.8	64.8	64.8	65.1	65.5	65.5	65.5	65.5
GE 1800	.4	37.0	37.0	48.6	59.5	63.4	64.1	66.2	66.5	66.5	66.5	66.9	67.3	67.3	67.3	67.3
GE 1500	.4	39.1	39.1	51.4	63.4	67.3	68.0	70.4	70.8	70.8	70.8	71.1	71.5	71.5	71.5	71.5
GE 1200	.4	44.0	44.0	58.1	71.5	75.4	76.1	78.9	79.6	79.6	79.6	79.9	80.3	80.3	80.3	80.3
GE 1000	.4	46.1	46.1	62.0	77.1	81.3	82.0	84.9	85.6	85.6	85.6	85.9	86.3	86.3	86.3	86.3
GE 900	.4	46.8	46.8	63.0	79.6	83.8	84.5	87.3	88.0	88.0	88.0	88.4	88.7	88.7	88.7	88.7
GE 800	.4	48.2	48.2	65.1	82.4	87.3	88.0	90.8	91.5	91.5	91.5	91.9	92.3	92.3	92.3	92.3
GE 700	.4	48.9	48.9	66.2	83.8	89.8	90.5	93.7	94.4	94.4	94.4	94.7	95.1	95.1	95.1	95.1
GE 600	.4	48.9	48.9	66.2	84.2	90.1	90.8	94.7	95.8	95.8	95.8	96.1	96.5	96.5	96.5	96.5
GE 500	.4	48.9	48.9	66.2	84.2	90.8	91.5	95.4	96.5	96.5	96.5	96.8	97.2	97.2	97.2	97.2
GE 400	.4	48.9	48.9	66.5	84.9	91.5	92.3	96.5	97.5	97.5	97.5	97.9	98.2	98.2	98.2	98.2
GE 300	.4	48.9	48.9	66.5	84.9	91.5	92.3	96.5	97.5	97.5	97.5	97.9	98.2	98.2	98.2	98.2
GE 200	.4	48.9	48.9	66.5	84.9	91.5	92.3	96.5	97.5	97.5	97.5	97.9	98.6	98.9	98.9	99.3
GE 100	.4	48.9	48.9	66.5	84.9	91.5	92.3	96.5	97.5	97.5	97.5	97.9	98.6	99.3	99.3	100.0
GE 0	.4	48.9	48.9	66.5	84.9	91.5	92.3	96.5	97.5	97.5	97.5	97.9	98.6	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.3	16.0	16.0	17.1	21.5	22.5	22.5	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 20000	.3	18.1	18.1	19.1	24.6	25.6	25.6	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 18000	.3	18.1	18.1	19.1	24.6	25.6	25.6	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 16000	.3	18.1	18.1	19.1	24.6	25.6	25.6	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 14000	.3	18.1	18.1	19.1	24.6	25.6	25.6	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 12000	.3	18.1	18.1	19.1	24.6	25.6	25.6	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 10000	.3	25.9	25.9	28.7	36.9	38.9	38.9	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 9000	.3	25.9	25.9	28.7	36.9	38.9	38.9	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 8000	.3	25.9	25.9	28.7	36.9	38.9	38.9	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 7000	.3	25.9	25.9	28.7	36.9	38.9	38.9	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 6000	.3	25.9	25.9	28.7	36.9	38.9	38.9	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 5000	.3	27.6	27.6	30.4	38.6	40.6	40.6	43.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4500	.3	27.6	27.6	30.7	38.9	41.0	41.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4000	.3	30.0	30.0	33.1	41.3	43.7	43.7	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 3500	.3	30.7	30.7	33.8	42.0	44.4	44.4	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 3000	.3	32.8	32.8	36.5	44.7	47.4	47.4	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 2500	.3	35.2	35.2	40.6	49.1	51.9	51.9	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 2000	.3	38.9	38.9	44.7	53.9	56.7	56.7	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1800	.3	39.2	39.2	45.7	54.9	57.7	57.7	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 1500	.3	40.6	40.6	47.8	57.3	60.4	60.4	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 1200	.3	45.4	45.4	54.3	65.2	69.6	69.6	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1000	.3	49.5	49.5	59.4	72.4	76.8	76.8	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 900	.3	49.8	49.8	60.1	73.7	78.5	78.5	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 800	.3	50.2	50.2	61.4	75.8	80.5	80.5	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 700	.3	51.2	51.2	62.5	77.5	83.6	83.6	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	.3	51.2	51.2	62.8	78.8	85.3	85.3	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 500	.3	51.2	51.2	62.8	79.2	86.0	86.0	93.5	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	.3	51.2	51.2	63.1	79.5	86.7	86.7	95.9	97.6	98.3	98.3	98.3	98.3	98.6	98.6	98.6
GE 300	.3	51.2	51.2	63.1	79.5	86.7	86.7	95.9	97.6	98.6	98.6	99.0	99.3	99.7	99.7	99.7
GE 200	.3	51.2	51.2	63.1	79.5	86.7	86.7	95.9	97.6	98.6	98.6	99.0	99.3	99.7	99.7	100.0
GE 100	.3	51.2	51.2	63.1	79.5	86.7	86.7	95.9	97.6	98.6	98.6	99.0	99.3	99.7	99.7	100.0
GE 0	.3	51.2	51.2	63.1	79.5	86.7	86.7	95.9	97.6	98.6	98.6	99.0	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.7	19.8	19.8	20.1	20.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 20000	.7	23.0	23.0	23.3	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 18000	.7	23.0	23.0	23.3	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 16000	.7	23.0	23.0	23.3	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 14000	.7	23.0	23.0	23.3	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 12000	.7	23.0	23.0	23.3	24.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 10000	.7	30.7	30.7	31.1	34.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 9000	.7	30.7	30.7	31.1	34.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 8000	.7	30.7	30.7	31.1	34.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 7000	.7	30.7	30.7	31.1	34.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 6000	.7	30.7	30.7	31.1	34.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 5000	.7	31.8	31.8	32.2	35.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 4500	.7	31.8	31.8	32.2	35.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 4000	.7	39.6	39.6	40.6	44.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 3500	.7	41.3	41.3	42.4	45.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 3000	.7	47.7	47.7	48.8	53.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 2500	1.1	51.9	51.9	54.8	59.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2000	1.1	60.4	60.4	63.3	68.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1800	1.1	61.8	61.8	65.0	70.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1500	1.1	65.7	65.7	70.0	76.3	78.8	78.8	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1200	1.1	68.9	68.9	74.9	82.7	86.6	86.6	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	1.1	70.7	70.7	76.7	86.6	90.8	90.8	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	1.1	71.0	71.0	77.0	88.0	92.2	92.2	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	1.1	71.0	71.0	77.0	88.7	92.9	92.9	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	1.1	71.0	71.0	77.0	90.1	94.3	94.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	1.1	71.0	71.0	77.4	91.2	95.4	95.4	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	1.1	71.0	71.0	77.4	91.2	95.4	95.4	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	1.1	71.0	71.0	77.4	91.2	96.1	96.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	1.1	71.0	71.0	77.4	91.2	96.1	96.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1.1	71.0	71.0	77.4	91.2	96.1	96.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1.1	71.0	71.0	77.4	91.2	96.1	96.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	1.1	71.0	71.0	77.4	91.2	96.1	96.1	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1500-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	.7	19.6	19.6	19.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 20000	1	.7	24.7	24.7	24.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 18000	1	.7	24.7	24.7	24.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 16000	1	.7	24.7	24.7	24.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 14000	1	.7	24.7	24.7	24.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 12000	1	.7	24.7	24.7	24.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 10000	1	1.0	33.0	33.0	33.0	35.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 9000	1	1.0	33.0	33.0	33.0	35.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 8000	1	1.0	33.0	33.0	33.0	35.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 7000	1	1.0	33.0	33.0	33.0	35.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 6000	1	1.0	33.0	33.0	33.0	35.7	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 5000	1	1.0	36.1	36.1	36.1	38.8	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 4500	1	1.0	37.1	37.1	37.1	39.9	41.2	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 4000	1	1.0	46.7	46.7	46.7	49.5	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3500	1	1.0	50.2	50.2	50.2	53.3	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 3000	1	1.0	63.2	63.2	63.2	67.4	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 2500	2.1	68.7	68.7	70.4	75.3	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	2.1	71.8	71.8	74.2	80.1	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	2.1	72.2	72.2	74.6	81.1	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	2.1	73.9	73.9	76.6	83.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1200	2.1	76.3	76.3	81.4	89.0	91.4	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	2.1	78.0	78.0	83.5	91.8	94.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	2.1	78.7	78.7	84.2	92.4	94.8	94.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	2.1	78.7	78.7	84.2	92.4	95.5	95.5	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	2.1	78.7	78.7	84.9	93.1	96.6	96.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	2.1	78.7	78.7	84.9	93.1	96.6	96.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	2.1	78.7	78.7	84.9	93.5	96.9	96.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	2.1	78.7	78.7	85.2	93.8	97.6	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	2.1	78.7	78.7	85.2	93.8	97.6	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	2.1	78.7	78.7	85.2	93.8	97.6	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	2.1	78.7	78.7	85.2	93.8	97.6	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	2.1	78.7	78.7	85.2	93.8	97.6	97.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		.7	27.3	27.3	27.3	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000		.7	32.7	32.7	33.5	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 18000		.7	32.7	32.7	33.5	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 16000		.7	32.7	32.7	33.5	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 14000		.7	32.7	32.7	33.5	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 12000		.7	32.7	32.7	33.5	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 10000		.7	50.0	50.0	51.4	54.3	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000		.7	50.0	50.0	51.4	54.3	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000		.7	50.0	50.0	51.4	54.3	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 7000		.7	50.0	50.0	51.4	54.3	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 6000		.7	50.0	50.0	51.4	54.3	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000		.7	51.4	51.4	53.2	56.1	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 4500		.7	52.5	52.5	54.3	57.2	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000		1.4	59.4	59.4	62.6	66.2	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500		1.4	61.2	61.2	64.4	68.0	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3000		1.4	68.0	68.0	71.2	74.8	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2500		1.4	73.0	73.0	77.3	81.3	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000		1.4	74.1	74.1	78.8	83.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1800		1.4	74.8	74.8	79.5	83.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6
GE 1500		1.4	77.3	77.3	82.0	86.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.5
GE 1200		1.4	79.1	79.1	86.0	91.0	92.8	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.9
GE 1000		1.4	79.5	79.5	86.3	91.7	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.0
GE 900		1.4	80.2	80.2	87.1	92.4	94.2	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7
GE 800		1.4	80.6	80.6	87.4	93.2	95.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.4
GE 700		1.4	80.6	80.6	87.4	93.5	95.7	95.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8
GE 600		1.4	80.6	80.6	87.8	93.9	96.0	96.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 500		1.4	80.6	80.6	87.8	93.9	96.0	96.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 400		1.4	80.6	80.6	88.1	94.2	96.8	96.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 300		1.4	80.6	80.6	88.1	94.2	96.8	96.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 200		1.4	80.6	80.6	88.1	94.2	96.8	96.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 100		1.4	80.6	80.6	88.1	94.2	96.8	96.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 0		1.4	80.6	80.6	88.1	94.2	96.8	96.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		33.3	33.3	36.1	38.5	39.2	39.2	39.5	39.5	39.5	39.5	39.5	39.5	39.9	39.9	39.9
GE 20000		37.1	37.1	40.2	43.0	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3
GE 18000		37.1	37.1	40.2	43.0	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3
GE 16000		37.1	37.1	40.2	43.0	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3
GE 14000		37.1	37.1	40.2	43.0	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3
GE 12000		37.1	37.1	40.2	43.0	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.3
GE 10000		51.5	51.5	56.7	60.8	61.9	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9	62.9
GE 9000		51.5	51.5	56.7	60.8	61.9	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9	62.9
GE 8000		51.5	51.5	56.7	60.8	61.9	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9	62.9
GE 7000		51.5	51.5	56.7	60.8	61.9	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9	62.9
GE 6000		51.9	51.9	57.0	61.2	62.2	62.2	62.9	62.9	62.9	62.9	62.9	62.9	63.2	63.2	63.2
GE 5000		54.6	54.6	60.1	64.6	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0	67.0
GE 4500		55.0	55.0	60.5	64.9	66.3	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.4	67.4	67.4
GE 4000		58.8	58.8	64.9	69.4	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.8	71.8	71.8
GE 3500		60.5	60.5	67.0	71.8	73.2	73.2	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.2	74.2
GE 3000		62.2	62.2	69.4	74.6	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	77.0	77.0	77.0
GE 2500		65.3	65.6	74.2	79.4	81.1	81.1	81.8	81.8	81.8	81.8	81.8	81.8	82.1	82.1	82.1
GE 2000		66.7	67.0	75.9	81.4	83.5	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5
GE 1800		67.0	67.4	76.6	82.1	84.2	84.2	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2
GE 1500		68.4	68.7	78.0	83.8	85.9	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9
GE 1200		69.4	69.8	81.4	88.3	90.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.8	91.8	91.8
GE 1000		71.1	71.5	83.5	90.7	93.1	93.1	93.8	93.8	93.8	94.2	94.2	94.2	94.5	94.5	94.5
GE 900		71.1	71.5	83.8	91.1	93.5	93.5	94.2	94.2	94.2	94.5	94.5	94.5	94.8	94.8	94.8
GE 800		71.1	71.5	83.8	91.4	94.5	94.5	95.5	95.5	95.5	95.9	95.9	95.9	96.2	96.2	96.2
GE 700		71.1	71.5	84.2	92.1	95.2	95.2	96.9	96.9	96.9	97.3	97.3	97.3	97.6	97.6	97.6
GE 600		71.1	71.5	84.2	92.8	96.6	96.6	98.6	98.6	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 500		71.1	71.5	84.2	92.8	96.6	96.6	98.6	98.6	98.6	99.0	99.0	99.0	99.3	99.3	99.3
GE 400		71.1	71.5	84.2	93.1	96.9	96.9	99.0	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7
GE 300		71.1	71.5	84.2	93.1	96.9	96.9	99.0	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7
GE 200		71.1	71.5	84.2	93.1	96.9	96.9	99.0	99.0	99.0	99.3	99.3	99.3	100.0	100.0	100.0
GE 100		71.1	71.5	84.2	93.1	96.9	96.9	99.0	99.0	99.0	99.3	99.3	99.3	100.0	100.0	100.0
GE 0		71.1	71.5	84.2	93.1	96.9	96.9	99.0	99.0	99.0	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.3	23.8	23.8	26.2	29.9	30.7	30.8	31.3	31.4	31.4	31.4	31.5	31.5	31.7	31.7	31.7
GE 20000	.3	26.7	26.8	29.5	33.8	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7
GE 18000	.3	26.7	26.8	29.5	33.8	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7
GE 16000	.3	26.7	26.8	29.5	33.8	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7
GE 14000	.3	26.7	26.8	29.5	33.8	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7
GE 12000	.3	26.7	26.8	29.5	33.8	34.7	34.7	35.3	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7
GE 10000	.3	37.4	37.5	41.9	48.3	49.8	49.9	50.8	51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.2
GE 9000	.3	37.4	37.5	41.9	48.3	49.8	49.9	50.8	51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.2
GE 8000	.3	37.4	37.5	41.9	48.3	49.8	49.9	50.8	51.0	51.0	51.0	51.0	51.1	51.2	51.2	51.2
GE 7000	.3	37.4	37.5	42.0	48.3	49.9	50.0	50.8	51.0	51.0	51.0	51.1	51.1	51.3	51.3	51.3
GE 6000	.3	37.5	37.6	42.1	48.4	50.0	50.1	51.0	51.2	51.2	51.2	51.2	51.3	51.4	51.4	51.4
GE 5000	.3	38.9	39.0	43.7	50.0	51.7	51.7	52.6	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1
GE 4500	.3	39.2	39.3	44.0	50.4	52.0	52.1	53.0	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4
GE 4000	.4	43.8	43.9	49.3	56.0	57.7	57.8	58.7	59.0	59.0	59.0	59.0	59.0	59.2	59.2	59.2
GE 3500	.4	45.1	45.2	50.7	57.5	59.3	59.3	60.3	60.5	60.5	60.5	60.6	60.6	60.7	60.7	60.7
GE 3000	.4	50.1	50.2	56.1	63.2	65.0	65.1	66.2	66.4	66.4	66.4	66.4	66.5	66.6	66.6	66.6
GE 2500	.7	53.4	53.5	60.5	68.0	70.0	70.1	71.3	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7
GE 2000	.7	56.1	56.2	63.8	72.0	74.1	74.3	75.5	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9
GE 1800	.7	56.7	56.8	64.8	73.0	75.2	75.3	76.5	76.7	76.8	76.8	76.8	76.9	77.0	77.0	77.0
GE 1600	.7	58.8	59.0	67.5	76.2	78.5	78.6	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.5
GE 1400	.7	61.9	62.1	72.4	82.1	84.9	85.1	86.6	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.3
GE 1200	.7	63.8	64.0	75.0	85.9	89.0	89.1	90.8	91.0	91.1	91.1	91.2	91.2	91.4	91.4	91.4
GE 1000	.7	64.4	64.5	75.7	87.3	90.5	90.6	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9	93.0
GE 900	.7	64.7	64.8	76.3	88.3	91.7	91.9	94.0	94.3	94.3	94.4	94.4	94.5	94.6	94.6	94.7
GE 800	.7	64.9	65.1	76.8	89.3	93.1	93.2	95.8	96.1	96.2	96.2	96.2	96.3	96.4	96.4	96.5
GE 700	.7	65.0	65.2	77.0	89.9	93.8	94.0	96.8	97.2	97.2	97.3	97.3	97.4	97.5	97.5	97.6
GE 600	.7	65.0	65.2	77.0	90.0	94.1	94.2	97.2	97.6	97.8	97.9	97.9	97.9	98.1	98.1	98.2
GE 500	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	98.9	98.9	99.0	99.1	99.3	99.3	99.3
GE 400	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	99.0	99.0	99.0	99.3	99.5	99.5	99.6
GE 300	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	99.0	99.0	99.0	99.3	99.5	99.5	99.6
GE 200	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	99.0	99.0	99.0	99.3	99.5	99.5	99.6
GE 100	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	99.0	99.0	99.0	99.3	99.5	99.5	99.6
GE 01	.7	65.0	65.2	77.2	90.2	94.6	94.7	98.2	98.7	99.0	99.0	99.0	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 2290

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS: 11-17:00

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3	
NO CEIL		20.3	20.3	23.4	25.5	27.9	27.9	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
GE 20000		21.7	21.7	24.8	27.2	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 18000		21.7	21.7	24.8	27.2	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 16000		21.7	21.7	24.8	27.2	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 14000		21.7	21.7	24.8	27.2	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 12000		21.7	21.7	24.4	27.2	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 10000		29.3	29.3	33.4	36.6	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GE 9000		29.3	29.3	33.4	36.6	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GE 8000		29.3	29.3	33.4	36.6	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GE 7000		29.3	29.3	33.4	36.6	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GE 6000		29.3	29.3	33.4	36.6	39.7	39.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
GE 5000		31.4	31.4	35.9	39.3	42.4	42.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	
GE 4500		33.1	33.1	37.6	41.0	44.1	44.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
GE 4000		37.9	37.9	42.8	46.2	49.3	49.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 3500		39.0	39.0	44.5	48.3	51.4	51.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 3000		44.1	44.1	50.7	55.5	58.6	58.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
GE 2500		48.3	48.3	55.5	60.3	63.4	63.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
GE 2000		52.1	52.1	59.3	65.2	68.3	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
GE 1800		53.8	53.8	61.0	66.9	70.3	70.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
GE 1500		56.6	56.6	64.5	71.7	75.2	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 1200		61.7	61.7	70.0	79.7	83.4	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 1000		62.4	62.4	71.4	82.8	86.9	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 900		63.1	63.1	72.1	83.8	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 800		63.1	63.1	72.8	85.2	90.3	90.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 700		63.4	63.4	73.4	86.6	92.4	92.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 600		63.4	63.4	73.4	86.9	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 500		63.4	63.4	73.4	86.9	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 400		63.4	63.4	73.4	87.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 300		63.4	63.4	73.4	87.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 200		63.4	63.4	73.4	87.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 100		63.4	63.4	73.4	87.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 0		63.4	63.4	73.4	87.2	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0300-0500

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	I		18.0	18.0	20.0	25.4	26.8	26.8	27.6	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	I		19.3	19.3	21.4	27.1	28.5	28.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 18000	I		19.3	19.3	21.4	27.1	28.5	28.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 16000	I		19.3	19.3	21.4	27.1	28.5	28.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 14000	I		19.3	19.3	21.4	27.1	28.5	28.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 12000	I		19.3	19.3	21.4	27.1	28.5	28.5	29.5	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 10000	I		26.1	26.1	28.8	34.9	36.9	36.9	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 9000	I		26.1	26.1	28.8	34.9	36.9	36.9	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 8000	I		26.1	26.1	28.8	34.9	36.9	36.9	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 7000	I		26.1	26.1	28.8	34.9	36.9	36.9	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 6000	I		26.1	26.1	29.2	35.3	37.3	37.3	38.6	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 5000	I		27.1	27.1	30.2	36.3	38.3	38.3	39.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 4500	I		27.1	27.1	30.2	36.3	38.3	38.3	39.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 4000	I		31.5	31.5	34.6	40.7	42.7	42.7	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3500	I		33.9	33.9	36.9	43.4	45.4	45.4	46.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 3000	I		39.3	39.3	43.1	50.2	52.2	52.2	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 2500	I		42.4	42.4	46.4	53.9	55.9	55.9	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 2000	I		46.4	46.4	51.9	60.0	62.0	62.0	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 1800	I		46.4	46.4	51.9	60.3	62.4	62.4	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1500	I		51.5	51.5	56.9	66.4	68.8	68.8	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1200	I		56.3	56.3	63.1	75.3	78.0	78.0	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1000	I		58.0	58.0	64.7	80.0	83.1	83.1	86.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 900	I		58.0	58.0	65.1	80.7	83.7	83.7	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	I		58.3	58.3	66.8	83.1	86.8	86.8	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	I		58.6	58.6	67.4	85.4	89.5	89.5	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	I		59.0	59.0	68.1	86.1	90.2	90.2	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	I		59.0	59.0	68.1	86.4	90.5	90.5	95.9	96.9	97.3	97.3	98.0	98.0	98.0	98.0	98.0
GE 400	I		59.0	59.0	68.1	86.4	90.8	90.8	96.3	97.6	98.0	98.0	99.0	99.0	99.0	99.0	99.0
GE 300	I		59.0	59.0	68.1	86.4	90.8	90.8	96.3	97.6	98.0	98.0	99.3	99.7	99.7	99.7	99.7
GE 200	I		59.0	59.0	68.1	86.4	90.8	90.8	96.3	97.6	98.0	98.0	99.3	99.7	99.7	99.7	100.0
GE 100	I		59.0	59.0	68.1	86.4	90.8	90.8	96.3	97.6	98.0	98.0	99.3	99.7	99.7	99.7	100.0
GE 0	I		59.0	59.0	68.1	86.4	90.8	90.8	96.3	97.6	98.0	98.0	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	17.5	17.5	19.3	23.2	24.9	25.3	27.0	27.0	27.4	27.4	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	18.6	18.6	20.4	24.6	26.3	26.7	28.4	28.4	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1
GE 18000	18.6	18.6	20.4	24.6	26.3	26.7	28.4	28.4	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1
GE 16000	18.6	18.6	20.4	24.6	26.3	26.7	28.4	28.4	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1
GE 14000	18.6	18.6	20.4	24.6	26.3	26.7	28.4	28.4	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1
GE 12000	18.6	18.6	20.4	24.6	26.3	26.7	28.4	28.4	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1
GE 10000	22.8	22.8	26.0	31.2	33.3	33.7	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 9000	22.8	22.8	26.0	31.2	33.3	33.7	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 8000	22.8	22.8	26.0	31.2	33.3	33.7	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 7000	22.8	22.8	26.0	31.2	33.3	33.7	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 6000	22.8	22.8	26.0	31.2	33.3	33.7	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 5000	24.2	24.2	27.4	32.6	34.7	35.1	37.2	37.2	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9
GE 4500	24.9	24.9	28.1	33.7	35.8	36.1	38.2	38.2	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9
GE 4000	28.1	28.1	31.2	37.2	39.3	39.6	41.8	41.8	42.1	42.1	42.5	42.5	42.5	42.5	42.5	42.5
GE 3500	29.1	29.1	32.3	38.2	40.4	40.7	42.8	42.8	43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5
GE 3000	31.9	31.9	35.4	41.8	43.9	44.2	46.3	46.3	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0
GE 2500	35.8	35.8	41.1	47.4	49.5	49.8	51.9	51.9	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6
GE 2000	41.8	41.8	47.7	55.8	58.2	58.6	60.7	60.7	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4
GE 1800	42.5	42.5	48.4	56.8	59.3	59.6	62.1	62.1	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8
GE 1500	47.0	47.0	53.3	62.5	64.9	65.3	67.7	67.7	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4
GE 1200	53.0	53.0	60.0	70.2	73.0	73.3	75.8	75.8	76.1	76.5	76.8	77.2	77.2	77.2	77.2	77.2
GE 1000	54.7	54.7	62.5	75.4	78.9	79.3	82.1	82.5	82.8	83.2	83.5	83.5	83.5	83.5	83.5	83.5
GE 900	55.8	55.8	63.5	76.8	80.4	80.7	83.9	84.2	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3
GE 800	56.8	56.8	65.6	79.6	84.2	84.6	88.8	89.1	89.5	89.8	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	56.8	56.8	66.0	80.7	86.7	87.0	91.6	92.3	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	57.2	57.2	66.3	82.5	88.4	88.8	93.7	94.7	95.1	95.4	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	57.2	57.2	66.3	82.8	89.1	89.5	94.7	95.8	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	57.2	57.2	66.3	82.8	89.1	89.5	95.1	96.1	96.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	57.2	57.2	66.3	82.8	89.1	89.5	95.1	96.5	96.8	97.2	97.9	97.9	97.9	97.9	97.9	97.9
GE 200	57.2	57.2	66.3	83.2	89.5	89.8	95.4	96.8	97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	57.5	57.5	66.7	83.5	89.8	90.2	95.8	97.2	97.5	98.2	98.9	99.3	99.6	100.0	100.0	100.0
GE 0	57.5	57.5	66.7	83.5	89.8	90.2	95.8	97.2	97.5	98.2	98.9	99.3	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	9.7	9.7	10.4	14.7	16.1	16.1	16.4	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	17.1
GE 20000	12.7	12.7	14.0	18.7	20.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	21.1
GE 18000	12.7	12.7	14.0	18.7	20.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	21.1
GE 16000	12.7	12.7	14.0	18.7	20.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	21.1
GE 14000	12.7	12.7	14.0	18.7	20.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	21.1
GE 12000	12.7	12.7	14.0	18.7	20.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	21.1
GE 10000	18.4	18.4	20.7	27.4	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.8
GE 9000	18.4	18.4	20.7	27.4	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.8
GE 8000	18.4	18.4	20.7	27.4	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.8
GE 7000	18.4	18.4	20.7	27.4	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.8
GE 6000	18.4	18.4	20.7	27.4	28.8	28.8	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.8
GE 5000	18.7	18.7	21.1	28.1	29.4	29.4	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.4
GE 4500	18.7	18.7	21.1	28.4	29.8	29.8	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.8
GE 4000	20.7	20.7	23.4	30.8	32.1	32.1	32.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.1
GE 3500	23.1	23.1	25.8	33.4	34.8	34.8	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.8
GE 3000	26.8	26.8	30.1	38.1	39.5	39.5	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.5
GE 2500	30.1	30.1	33.4	41.5	43.1	43.1	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.1
GE 2000	35.1	35.1	39.5	48.2	50.8	50.8	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 1800	35.1	35.1	39.5	48.5	51.2	51.2	51.6	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.5
GE 1500	39.5	39.5	44.5	54.2	56.9	56.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5
GE 1200	44.8	44.8	51.2	62.2	65.6	65.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.6
GE 1000	49.2	49.2	56.2	68.9	72.6	72.6	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.3
GE 900	50.5	50.5	57.9	70.9	74.6	74.6	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6
GE 800	50.5	50.5	58.2	72.9	76.9	76.9	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
GE 700	51.5	51.5	59.9	76.6	80.9	80.9	85.6	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.6
GE 600	51.5	51.5	59.9	76.6	81.6	81.6	88.3	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.3
GE 500	51.5	51.5	59.9	77.3	82.3	82.3	89.6	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.3
GE 400	51.5	51.5	59.9	77.3	82.6	82.6	90.6	93.6	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3
GE 300	51.5	51.5	59.9	77.3	82.6	82.6	91.6	94.6	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 200	51.5	51.5	59.9	77.3	82.6	82.6	91.6	94.6	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 100	51.5	51.5	59.9	77.3	82.6	82.6	91.6	94.6	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE CI	51.5	51.5	59.9	77.3	82.6	82.6	91.6	94.6	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS															
		160	90	80	60	40	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	.3	15.6	15.6	16.3	19.0	20.0	20.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 20000	.3	18.0	18.0	18.6	21.4	22.4	22.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 18000	.3	18.0	18.0	18.6	21.4	22.4	22.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 16000	.3	18.0	18.0	18.6	21.4	22.4	22.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	.3	18.0	18.0	18.6	21.4	22.4	22.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 12000	.3	18.0	18.0	18.6	21.4	22.4	22.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 10000	.3	24.4	24.4	25.1	29.5	31.5	31.5	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 9000	.3	24.4	24.4	25.1	29.5	31.5	31.5	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 8000	.3	24.4	24.4	25.1	29.5	31.5	31.5	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 7000	.3	24.4	24.4	25.1	29.5	31.5	31.5	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 6000	.3	24.4	24.4	25.1	29.5	31.5	31.5	32.5	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 5000	.3	24.7	24.7	25.4	29.8	31.9	31.9	32.9	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 4500	.3	25.1	25.1	25.8	30.2	32.2	32.2	33.2	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 4000	.3	28.1	28.1	28.8	33.6	35.6	35.6	36.6	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 3500	.3	28.8	28.8	29.5	34.2	36.3	36.3	37.3	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 3000	.3	34.9	34.9	35.6	40.3	42.4	42.4	43.4	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 2500	.3	40.0	40.0	40.7	46.1	48.1	48.1	49.2	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 2000	.3	45.4	45.4	47.1	52.9	55.3	55.3	56.3	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 1800	.3	46.8	46.8	48.5	54.2	56.6	56.6	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 1500	.3	51.2	51.2	53.6	61.4	64.4	64.4	66.1	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1200	.3	55.9	55.9	61.0	71.2	74.9	74.9	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6
GE 1000	.3	58.3	58.3	63.7	76.3	80.7	80.7	83.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.7
GE 900	.3	59.0	59.0	64.7	77.6	82.4	82.4	85.4	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
GE 800	.3	59.3	59.3	65.1	78.6	83.7	83.7	87.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5
GE 700	.3	59.3	59.3	65.4	81.4	86.8	86.8	91.5	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.6
GE 600	.3	59.3	59.3	65.8	82.0	87.8	87.8	93.9	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 500	.3	59.3	59.3	65.8	82.0	87.8	87.8	94.9	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 400	.3	59.3	59.3	65.8	82.0	87.8	87.8	95.6	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 300	.3	59.3	59.3	65.8	82.0	87.8	87.8	95.6	97.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.7
GE 200	.3	59.3	59.3	65.8	82.0	87.8	87.8	95.6	97.6	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.7
GE 100	.3	59.3	59.3	65.8	82.0	87.8	87.8	95.6	97.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	100.0
GE 0	.3	59.3	59.3	65.8	82.0	87.8	87.8	95.6	97.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1500-1700

CEILING IN FEET	GT	VISIBILITY IN HUNDREDS OF METERS															
		160	90	80	60	48	40	32	24	20	16	12	10	8	5	4	0
NO CEIL	.7	18.6	18.6	18.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 20000	.7	21.3	21.3	21.3	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 18000	.7	21.3	21.3	21.3	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 16000	.7	21.3	21.3	21.3	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 14000	.7	21.3	21.3	21.3	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 12000	.7	21.3	21.3	21.3	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 10000	.7	28.9	28.9	28.9	31.6	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.9	32.9	32.9	32.9	32.9
GE 9000	.7	28.9	28.9	28.9	31.6	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.9	32.9	32.9	32.9	32.9
GE 8000	.7	28.9	28.9	28.9	31.6	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.9	32.9	32.9	32.9	32.9
GE 7000	.7	28.9	28.9	28.9	31.6	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.9	32.9	32.9	32.9	32.9
GE 6000	.7	28.9	28.9	28.9	31.6	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.9	32.9	32.9	32.9	32.9
GE 5000	.7	29.9	29.9	29.9	32.6	33.2	33.2	33.2	33.2	33.2	33.6	33.6	33.9	33.9	33.9	33.9	33.9
GE 4500	.7	31.6	31.6	31.6	34.2	34.9	34.9	34.9	34.9	34.9	35.2	35.2	35.5	35.5	35.5	35.5	35.5
GE 4000	1.0	37.5	37.5	37.5	40.2	40.9	40.9	40.9	40.9	40.9	41.2	41.2	41.5	41.5	41.5	41.5	41.5
GE 3500	1.0	39.2	39.2	39.2	41.9	42.5	42.5	42.5	42.5	42.5	42.9	42.9	43.2	43.2	43.2	43.2	43.2
GE 3000	1.0	43.9	43.9	43.9	46.5	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.8	47.8	47.8	47.8	47.8
GE 2500	1.0	52.2	52.2	52.8	56.1	56.8	56.8	57.1	57.1	57.1	57.5	57.5	57.8	57.8	57.8	57.8	57.8
GE 2000	1.0	61.5	61.5	62.8	67.1	67.8	67.8	68.1	68.1	68.1	68.4	68.4	68.8	68.8	68.8	68.8	68.8
GE 1800	1.0	61.8	61.8	63.1	67.8	68.4	68.4	68.8	68.8	68.8	69.1	69.1	69.4	69.4	69.4	69.4	69.4
GE 1500	1.0	64.5	64.8	67.4	73.4	74.8	74.8	75.1	75.1	75.1	75.4	75.4	75.7	75.7	75.7	75.7	75.7
GE 1200	1.0	66.4	66.8	70.4	77.7	80.4	80.4	81.4	81.7	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	1.0	68.1	68.4	73.4	82.4	86.7	86.7	89.0	89.4	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	1.0	68.4	68.8	73.8	83.7	88.4	88.4	90.7	91.7	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	1.0	68.8	69.1	74.8	85.0	89.7	89.7	93.0	94.7	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	1.0	68.8	69.1	74.8	85.4	90.0	90.0	93.4	95.7	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	1.0	68.8	69.1	74.8	85.4	91.0	91.0	95.0	97.3	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	1.0	68.8	69.1	74.8	85.4	91.0	91.0	96.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	.7	22.9	22.9	23.3	24.3	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 20000	.7	27.1	27.1	27.4	28.4	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 18000	.7	27.1	27.1	27.4	28.4	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 16000	.7	27.1	27.1	27.4	28.4	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 14000	.7	27.1	27.1	27.4	28.4	29.5	29.5	29.8	29.9	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 12000	.7	27.1	27.1	27.4	28.4	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 10000	.7	36.3	36.3	37.3	38.7	39.7	39.7	40.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4
GE 9000	.7	36.3	36.3	37.3	38.7	39.7	39.7	40.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4
GE 8000	.7	36.3	36.3	37.3	38.7	39.7	39.7	40.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4
GE 7000	.7	36.3	36.3	37.3	38.7	39.7	39.7	40.1	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4
GE 6000	.7	36.6	36.6	37.7	39.0	40.1	40.1	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8
GE 5000	.7	38.0	38.0	39.0	40.4	41.4	41.4	42.1	42.1	42.1	42.5	42.5	42.5	42.5	42.5	42.5
GE 4500	.7	38.4	38.4	39.4	40.8	41.8	41.8	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 4000	.7	43.8	43.8	44.9	46.2	47.6	47.6	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6
GE 3500	.7	45.2	45.2	46.6	47.9	49.3	49.3	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3
GE 3000	.7	50.0	50.0	52.1	53.4	54.8	54.8	55.5	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8
GE 2500	.7	53.8	53.8	56.2	58.6	60.3	60.3	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0
GE 2000	.7	59.9	59.9	62.7	66.8	68.5	68.5	69.9	70.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9
GE 1800	.7	61.3	61.3	64.0	68.8	70.5	70.5	72.3	72.6	72.6	72.9	72.9	73.3	73.3	73.3	73.3
GE 1500	.7	63.7	63.7	67.8	74.3	76.4	76.4	78.1	78.4	78.4	78.8	78.8	79.1	79.1	79.1	79.1
GE 1200	.7	67.1	67.1	71.9	80.5	83.2	83.2	85.6	86.0	86.0	86.3	86.3	86.6	86.6	86.6	86.6
GE 1000	.7	68.5	68.5	73.6	82.9	86.0	86.0	89.4	89.7	89.7	90.1	90.1	90.4	90.4	90.4	90.4
GE 900	.7	68.8	68.8	74.0	83.6	87.0	87.0	91.8	92.1	92.1	92.5	92.5	92.8	92.8	92.8	92.8
GE 800	.7	68.8	68.8	74.0	83.9	87.3	87.3	92.1	92.5	92.5	92.8	93.2	93.5	93.5	93.5	93.5
GE 700	.7	68.8	68.8	74.0	84.6	88.4	88.4	93.2	94.5	94.5	94.9	95.2	95.5	95.5	95.5	95.5
GE 600	1.0	69.2	69.2	74.3	84.9	89.0	89.0	94.2	95.5	95.5	95.9	96.2	96.6	96.6	96.6	96.6
GE 500	1.0	69.2	69.2	74.7	85.3	89.4	89.4	95.2	96.9	96.9	97.3	97.6	97.9	97.9	97.9	97.9
GE 400	1.0	69.2	69.2	75.0	85.6	89.7	89.7	96.6	98.3	98.6	99.0	99.3	99.7	99.7	99.7	99.7
GE 300	1.0	69.2	69.2	75.0	85.6	89.7	89.7	96.6	98.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0
GE 200	1.0	69.2	69.2	75.0	85.6	89.7	89.7	96.6	98.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0
GE 100	1.0	69.2	69.2	75.0	85.6	89.7	89.7	96.6	98.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0
GE 0	1.0	69.2	69.2	75.0	85.6	89.7	89.7	96.6	98.3	99.0	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		23.9	24.2	27.3	28.0	29.1	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 20000		25.3	25.6	28.7	29.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 18000		25.3	25.6	28.7	29.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 16000		25.3	25.6	28.7	29.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 14000		25.3	25.6	28.7	29.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 12000		25.3	25.6	28.7	29.8	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 10000		31.1	31.5	35.6	38.4	39.4	39.4	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 9000		31.1	31.5	35.6	38.4	39.4	39.4	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 8000		31.1	31.5	35.6	38.4	39.4	39.4	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 7000		31.1	31.5	35.6	38.4	39.4	39.4	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 6000		31.1	31.5	35.6	38.4	39.4	39.4	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 5000		32.9	33.2	37.4	40.1	41.2	41.2	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 4500		33.9	34.3	38.4	41.2	42.2	42.2	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 4000		40.5	40.8	45.3	48.1	49.1	49.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3500		41.9	42.2	47.4	50.2	51.2	51.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 3000		48.8	49.1	54.7	57.8	58.8	58.8	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 2500		52.2	52.6	58.5	61.9	63.3	63.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 2000		55.0	55.4	61.9	66.8	68.2	68.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 1800		55.7	56.1	62.6	67.5	68.9	68.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1500		59.2	59.5	66.8	72.3	74.4	74.4	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1200		62.3	62.6	72.0	79.6	81.7	81.7	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1000		64.4	64.7	74.0	84.4	86.9	86.9	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900		65.1	65.4	74.7	85.5	87.9	87.9	91.7	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800		65.1	65.4	74.7	86.2	89.3	89.3	93.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700		65.1	65.4	74.7	86.2	90.0	90.0	94.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600		65.1	65.4	75.4	86.9	90.7	91.0	96.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500		65.1	65.4	75.8	87.2	91.3	91.7	97.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400		65.1	65.4	75.8	87.2	91.3	91.7	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		65.1	65.4	75.8	87.2	91.3	91.7	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		65.1	65.4	75.8	87.2	91.3	91.7	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		65.1	65.4	75.8	87.2	91.3	91.7	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		65.1	65.4	75.8	87.2	91.3	91.7	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		.2	18.3	18.3	19.8	22.5	23.7	23.8	24.5	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.7
GE 20000		.2	20.5	20.5	22.0	25.0	26.2	26.3	26.9	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2
GE 18000		.2	20.5	20.5	22.0	25.0	26.2	26.3	26.9	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2
GE 16000		.2	20.5	20.5	22.0	25.0	26.2	26.3	26.9	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2
GE 14000		.2	20.5	20.5	22.0	25.0	26.2	26.3	26.9	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2
GE 12000		.2	20.5	20.5	22.0	25.0	26.2	26.3	26.9	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2
GE 10000		.2	27.2	27.2	29.5	33.5	35.2	35.2	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.6
GE 9000		.2	27.2	27.2	29.5	33.5	35.2	35.2	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.6
GE 8000		.2	27.2	27.2	29.5	33.5	35.2	35.2	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.6
GE 7000		.2	27.2	27.2	29.5	33.5	35.2	35.2	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.6
GE 6000		.2	27.2	27.2	29.5	33.6	35.3	35.3	36.1	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.7
GE 5000		.2	28.3	28.4	30.7	34.9	36.5	36.6	37.5	37.7	37.9	37.9	38.0	38.0	38.0	38.0	38.0
GE 4500		.2	29.1	29.1	31.5	35.7	37.3	37.4	38.3	38.5	38.7	38.7	38.8	38.8	38.8	38.8	38.8
GE 4000		.3	33.5	33.5	36.0	40.3	42.0	42.1	43.0	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.5
GE 3500		.3	35.0	35.0	37.7	42.2	43.9	43.9	44.8	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.4
GE 3000		.3	39.9	40.0	43.1	47.9	49.6	49.7	50.6	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.2
GE 2500		.3	44.3	44.4	48.0	53.2	55.0	55.1	56.2	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.7
GE 2000		.3	49.7	49.7	54.1	60.3	62.4	62.4	63.6	63.9	64.0	64.0	64.1	64.2	64.2	64.2	64.2
GE 1800		.3	50.4	50.5	54.9	61.3	63.4	63.5	64.7	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3
GE 1500		.3	54.1	54.2	59.3	67.0	69.4	69.5	71.0	71.3	71.4	71.5	71.6	71.7	71.7	71.7	71.7
GE 1200		.3	58.4	58.5	64.9	74.5	77.5	77.5	79.4	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3
GE 1000		.3	60.4	60.5	67.4	79.1	82.7	82.7	85.4	85.9	86.1	86.2	86.4	86.4	86.4	86.4	86.5
GE 900		.3	61.1	61.2	68.2	80.3	84.1	84.1	87.3	87.9	88.2	88.2	88.4	88.4	88.4	88.4	88.5
GE 800		.3	61.3	61.4	69.0	81.8	86.0	86.1	89.8	90.7	90.9	91.0	91.2	91.2	91.2	91.2	91.3
GE 700		.3	61.6	61.6	69.5	83.3	88.1	88.1	92.3	93.7	93.9	94.1	94.2	94.3	94.3	94.3	94.4
GE 600		.3	61.7	61.8	69.7	83.9	88.9	89.0	94.1	95.6	96.0	96.2	96.4	96.5	96.5	96.5	96.5
GE 500		.3	61.7	61.8	69.8	84.1	89.3	89.3	95.1	96.8	97.4	97.5	97.8	97.9	97.9	97.9	98.0
GE 400		.3	61.7	61.8	69.9	84.2	89.4	89.6	95.8	97.7	98.4	98.6	99.0	99.0	99.0	99.0	99.1
GE 300		.3	61.7	61.8	69.9	84.2	89.4	89.6	95.9	97.8	98.7	98.9	99.3	99.4	99.4	99.4	99.5
GE 200		.3	61.7	61.8	69.9	84.3	89.5	89.6	96.0	97.9	98.7	99.0	99.4	99.6	99.7	99.7	99.8
GE 100		.3	61.7	61.8	69.9	84.3	89.5	89.6	96.0	97.9	98.8	99.0	99.4	99.7	99.7	99.8	100.0
GE 0		.3	61.7	61.8	69.9	84.3	89.5	89.6	96.0	97.9	98.8	99.0	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 9	GE 5	GE 4	GE 0
NO CEIL		10.4	10.4	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 20000		11.8	11.8	14.5	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 18000		11.8	11.8	14.5	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 16000		11.8	11.8	14.5	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 14000		11.8	11.8	14.5	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 12000		11.8	11.8	14.5	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 10000		17.6	17.6	21.1	21.8	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 9000		17.6	17.6	21.1	21.8	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 8000		17.6	17.6	21.1	21.8	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 7000		17.6	17.6	21.1	21.8	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 6000		17.6	17.6	21.1	21.8	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 5000		18.3	18.3	21.8	22.5	22.5	22.5	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 4500		18.3	18.3	22.1	22.8	22.8	22.8	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 4000		20.4	20.4	24.6	25.3	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 3500		21.1	21.1	25.3	26.0	26.0	26.0	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 3000		24.2	24.2	28.4	29.1	29.1	29.1	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 2500		27.7	27.7	31.8	32.5	32.5	32.5	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 2000		32.2	32.2	36.7	39.8	39.4	39.4	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 1800		33.9	33.9	38.8	41.2	41.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 1500		39.1	39.1	45.0	49.8	50.5	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1200		43.9	43.9	50.9	57.4	58.5	58.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 1000		47.4	47.4	55.0	65.4	66.8	66.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 900		48.8	48.8	56.7	68.9	70.6	70.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 800		50.9	50.9	59.5	74.7	76.5	76.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 700		51.6	51.6	60.2	77.2	80.6	80.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 600		51.6	51.6	61.2	79.6	84.4	84.8	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 500		51.9	51.9	61.6	80.3	86.2	86.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 400		51.9	51.9	61.6	81.0	87.5	87.9	94.5	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5
GE 300		51.9	51.9	61.6	81.3	88.2	88.6	95.8	96.5	97.2	97.2	97.6	98.3	98.3	98.6	98.6
GE 200		51.9	51.9	61.6	81.3	88.2	88.6	95.8	96.5	97.2	97.2	97.6	99.0	99.3	99.7	99.7
GE 100		51.9	51.9	61.6	81.3	88.2	88.6	95.8	96.5	97.2	97.2	97.6	99.0	99.3	100.0	100.0
GE 0		51.9	51.9	61.6	81.3	88.2	88.6	95.8	96.5	97.2	97.2	97.6	99.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-84

MONTH: NOV

HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		11.0	11.0	14.4	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 20000		11.0	11.0	14.4	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 18000		11.0	11.0	14.4	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 16000		11.0	11.0	14.4	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 14000		11.0	11.0	14.4	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000		11.0	11.0	14.4	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 10000		14.4	14.4	18.2	19.6	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000		14.4	14.4	18.2	19.6	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 8000		14.4	14.4	18.2	19.6	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 7000		14.4	14.4	18.2	19.6	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 6000		14.4	14.4	18.2	19.6	20.3	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 5000		15.1	15.1	18.9	20.3	21.0	21.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 4500		15.1	15.1	18.9	20.3	21.0	21.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 4000		15.8	15.8	19.6	21.0	21.6	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 3500		16.2	16.2	20.3	21.6	22.3	22.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 3000		21.3	21.3	25.8	27.1	27.8	27.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 2500		23.0	23.0	27.8	29.2	29.9	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 2000		27.1	27.1	32.3	34.7	35.4	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1800		30.2	30.2	35.4	38.1	38.8	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 1500		36.8	37.1	43.0	47.1	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 1200		43.0	43.3	51.2	58.1	60.5	60.5	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 1000		47.1	47.4	56.4	65.6	68.4	68.7	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 900		47.4	47.8	56.7	68.0	70.8	71.1	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 800		48.1	48.5	59.5	73.5	77.3	77.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 700		48.5	48.8	60.1	77.0	82.1	82.8	85.2	85.2	85.6	85.6	85.9	85.9	85.9	85.9	85.9
GE 600		48.8	49.1	60.8	78.7	84.9	85.6	89.3	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.0
GE 500		49.5	49.8	61.5	79.4	86.9	87.6	92.4	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5
GE 400		49.5	49.8	61.5	80.1	87.6	88.3	94.5	94.8	95.2	95.5	95.9	95.9	95.9	95.9	95.9
GE 300		49.5	49.8	61.5	80.1	88.0	88.7	95.2	96.2	96.6	96.9	97.3	97.6	97.6	97.6	97.6
GE 200		49.5	49.8	61.5	80.1	88.0	88.7	95.2	96.2	96.6	96.9	97.6	99.0	99.3	99.7	99.7
GE 100		49.5	49.8	61.5	80.1	88.0	88.7	95.2	96.2	96.6	96.9	97.6	99.0	99.7	100.0	100.0
GE 0		49.5	49.8	61.5	80.1	88.0	88.7	95.2	96.2	96.6	96.9	97.6	99.0	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 40	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	10.9	10.9	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 20000	11.6	11.6	15.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 18000	11.6	11.6	15.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 16000	11.6	11.6	15.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 14000	11.6	11.6	15.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 12000	11.6	11.6	15.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 10000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 8000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 7000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 6000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 5000	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 4500	15.4	15.4	20.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 4000	16.5	16.5	21.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 3500	17.2	17.2	22.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 3000	18.6	18.6	23.9	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 2500	21.4	21.4	26.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 2000	26.3	26.3	32.6	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 1800	27.7	27.7	34.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 1500	31.9	31.9	39.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 1200	37.9	37.9	46.3	53.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 1000	42.5	42.5	53.7	65.3	66.7	66.7	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 900	43.2	43.2	55.1	70.2	72.6	73.0	74.7	74.7	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 800	46.0	46.0	58.9	75.8	78.6	78.6	81.1	81.1	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 700	46.3	46.3	60.4	79.3	83.9	84.2	86.3	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 600	46.7	46.7	60.7	80.4	85.6	86.0	88.4	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 500	46.7	46.7	60.7	81.1	86.3	87.0	90.5	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 400	46.7	46.7	60.7	81.4	87.0	87.7	93.0	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 300	46.7	46.7	60.7	82.1	87.7	88.4	94.4	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 200	46.7	46.7	60.7	82.1	87.7	88.4	94.4	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 100	46.7	46.7	60.7	82.1	87.7	88.4	94.4	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 0	46.7	46.7	60.7	82.1	87.7	88.4	94.4	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0500-1100

CEILING		VISIBILITY IN HUNDREDS OF METERS														
IN	FEET	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4
NO CEIL	1	10.0	10.0	12.2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	17.5	12.5	12.5	12.5	12.5
GE 20000		11.1	11.5	14.0	14.7	14.7	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 18000		11.1	11.5	14.0	14.7	14.7	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 16000		11.1	11.5	14.0	14.7	14.7	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 14000		11.1	11.5	14.0	14.7	14.7	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000		11.1	11.5	14.0	14.7	14.7	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 10000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 9000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 8000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 7000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 6000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 5000		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 4500		14.7	15.1	17.9	19.0	19.4	19.7	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 4000		15.4	15.8	18.6	19.7	20.1	20.4	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3500		15.8	16.1	19.4	20.4	20.8	21.1	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 3000		17.6	17.9	21.1	22.2	22.6	22.9	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 2500		19.7	20.1	23.7	25.1	25.8	26.2	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 2000		24.7	25.1	29.7	31.5	32.3	32.6	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 1800		25.4	25.8	30.5	33.7	34.4	34.8	35.8	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 1500		30.5	30.8	35.6	40.1	40.9	41.2	42.3	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7
GE 1200		35.5	36.2	43.7	52.0	53.8	54.1	55.6	56.6	56.6	56.6	56.6	57.0	57.0	57.0	57.0
GE 1000		36.6	37.3	45.9	57.7	60.2	60.9	62.7	63.8	63.8	63.8	64.8	64.2	64.2	64.2	64.2
GE 900		37.6	38.4	48.0	62.4	65.2	65.9	68.1	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.5
GE 800		38.7	39.4	49.5	66.3	69.9	70.6	73.8	75.3	75.6	75.6	76.3	76.3	76.3	76.3	76.3
GE 700		38.7	39.4	49.8	68.5	74.2	75.3	80.3	81.7	82.1	82.1	82.8	82.8	82.8	82.8	82.8
GE 600		39.1	39.8	50.2	70.6	78.5	79.9	85.7	87.1	87.5	87.5	88.2	88.2	88.2	88.2	88.2
GE 500		39.1	39.8	50.9	71.7	80.6	82.4	89.2	91.0	92.5	92.5	93.5	93.5	93.5	93.5	93.5
GE 400		39.1	39.8	50.9	72.0	81.4	83.2	91.8	93.9	96.1	96.4	97.5	97.5	97.5	97.5	97.5
GE 300		39.1	39.8	50.9	72.4	81.7	83.5	92.1	94.6	97.5	97.8	99.3	99.6	99.6	99.6	99.6
GE 200		39.1	39.8	50.9	72.4	81.7	83.5	92.1	94.6	97.5	97.8	99.3	99.6	100.0	100.0	100.0
GE 100		39.1	39.8	50.9	72.4	81.7	83.5	92.1	94.6	97.5	97.8	99.3	99.6	100.0	100.0	100.0
GE 0		39.1	39.8	50.9	72.4	81.7	83.5	92.1	94.6	97.5	97.8	99.3	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 1700-1900

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 12	GE 14	GE 16	GE 18	GE 20	GE 25
NO CEIL	1	10.9	10.9	11.2	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
GE 20000		12.6	12.6	13.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 18000		12.9	12.9	13.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 16000		12.9	12.9	13.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 14000		12.9	12.9	13.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 12000		12.9	12.9	13.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 10000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 8000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 7000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 6000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 5000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 4500		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 4000		16.7	16.7	18.4	20.1	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 3500		17.0	17.0	18.7	20.4	21.1	21.1	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 3000		20.1	20.1	21.8	23.5	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 2500		22.4	22.4	24.1	25.9	26.5	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 2000		27.2	27.2	29.3	31.6	33.0	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 1800		28.9	28.9	31.3	33.7	35.0	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 1500		33.7	33.7	37.1	40.5	42.2	42.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 1200		39.5	39.5	44.9	51.7	53.7	54.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1000		42.5	42.5	50.0	61.9	66.0	66.3	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 900		42.9	42.9	50.3	63.6	68.0	68.4	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 800		42.9	42.9	51.0	66.7	71.8	73.1	77.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 700		43.2	43.2	51.7	68.7	76.5	77.2	81.3	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 600		43.5	43.5	52.7	71.4	79.9	81.0	89.6	91.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500		43.9	43.9	53.1	71.8	80.6	81.6	91.5	93.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400		43.9	43.9	53.1	71.8	81.3	82.3	92.5	94.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 300		43.9	43.9	53.1	71.8	81.3	82.3	92.9	95.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 200		43.9	43.9	53.1	71.8	81.3	82.3	92.9	95.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 100		43.9	43.9	53.1	71.8	81.3	82.3	92.9	95.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE	01	43.9	43.9	53.1	71.8	81.3	82.3	92.9	95.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-89
MONTH: NOV HOURS/DATE: 1507-1700

CEILING		VISIBILITY IN HUNDREDS OF METERS																	
IN	FEET	GE 100	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 30	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 6	GE 4	GE 3	GE 2
NO CEIL	1		11.7	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 20000			13.0	13.0	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 18000			13.0	13.0	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 16000			13.0	13.0	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 14000			13.0	13.0	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 12000			13.0	13.0	13.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 10000			18.1	18.1	18.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000			18.1	18.1	18.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 8000			18.1	18.1	18.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 7000			18.1	18.1	18.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 6000			18.1	18.1	18.7	20.7	20.7	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 5000			18.4	18.4	19.1	21.1	21.1	21.1	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 4000			18.4	18.4	19.1	21.1	21.1	21.1	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 3000			20.7	20.7	21.4	23.4	23.4	23.4	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 2500			21.4	21.4	22.1	24.1	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 2000			24.4	24.4	25.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 1500			28.4	28.4	29.8	32.4	32.4	32.4	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 1000			36.8	36.8	39.8	42.5	42.5	42.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 800			37.1	37.1	40.1	43.1	43.1	43.1	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 600			40.5	40.5	43.5	46.2	46.2	46.2	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 400			44.8	44.8	48.5	57.5	57.5	57.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 300			47.5	47.5	52.5	67.2	67.2	67.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 200			47.8	47.8	53.8	70.2	70.2	70.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 100			47.8	47.8	53.8	71.9	71.9	71.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 80			48.2	48.2	54.5	74.2	74.2	74.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 60			48.8	48.8	55.5	76.3	76.3	76.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 50			48.8	48.8	55.5	76.3	76.3	76.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 40			48.8	48.8	55.5	76.6	76.6	76.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 30			48.8	48.8	55.5	76.6	76.6	76.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 20			48.8	48.8	55.5	76.6	76.6	76.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10			48.8	48.8	55.5	76.6	76.6	76.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 0			48.8	48.8	55.5	76.6	76.6	76.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 1800-2000

CEILING IN FEET	1	VISIBILITY IN HUNDREDS OF METERS															
		GE 160	GE 90	GE 40	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	14.1	14.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 20000	1	15.0	15.0	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 18000	1	15.0	15.0	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 16000	1	15.0	15.0	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 14000	1	15.0	15.0	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 12000	1	15.0	15.0	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 10000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 9000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 8000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 7000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 6000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 5000	1	18.9	18.9	20.3	20.6	20.6	20.6	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 4500	1	19.2	19.2	20.6	21.0	21.0	21.0	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 4000	1	22.7	22.7	24.1	24.4	24.4	24.4	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 3500	1	23.7	23.7	25.1	25.4	25.4	25.4	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 3000	1	25.0	25.0	27.0	28.5	28.9	28.9	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 2500	1	29.2	29.2	31.3	32.0	32.6	32.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 2000	1	34.7	34.7	37.5	39.5	40.5	40.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 1800	1	36.4	36.4	40.2	42.6	43.6	43.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 1600	1	42.3	42.3	47.1	50.9	51.9	51.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 1400	1	46.0	46.0	51.9	59.5	60.8	61.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 1200	1	47.4	47.4	54.6	66.0	68.7	69.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1000	1	47.4	47.4	55.0	69.1	73.5	73.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 900	1	47.0	47.0	55.7	71.0	77.3	77.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 800	1	47.0	47.0	56.4	74.6	83.2	83.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	1	47.0	47.0	56.7	75.6	85.2	85.2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 100	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 0	1	48.1	48.1	57.0	76.6	86.3	86.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 2100-2300

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
FEET																	
NO CEIL		15.3	15.3	17.3	18.4	18.7	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 20000		16.0	16.0	18.7	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 18000		16.0	16.0	18.7	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 16000		16.0	16.0	18.7	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 14000		16.0	16.0	18.7	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 12000		16.0	16.0	18.7	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 10000		19.0	19.0	22.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 9000		19.0	19.0	22.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 8000		19.0	19.0	22.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 7000		19.0	19.0	22.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 6000		19.4	19.4	22.4	24.1	24.5	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 5000		19.4	19.4	22.4	24.1	24.5	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 4500		20.4	20.4	23.5	25.5	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 4000		21.1	21.1	24.5	26.9	27.2	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 3500		22.8	22.8	26.2	28.6	28.9	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 3000		25.9	25.9	29.3	32.0	32.3	32.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 2500		28.6	28.6	32.0	35.0	35.4	35.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 2000		33.3	33.3	37.1	41.2	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 1800		34.7	34.7	39.1	43.2	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 1500		41.2	41.2	46.6	51.7	52.4	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.1
GE 1200		46.6	46.6	52.7	61.6	63.6	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6
GE 1000		49.3	49.3	56.5	68.0	70.7	70.7	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.8
GE 900		50.3	50.3	58.2	71.1	74.1	74.1	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 800		50.7	50.7	59.2	74.8	79.6	79.6	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3
GE 700		51.0	51.0	59.5	77.9	84.7	85.0	87.1	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.4
GE 600		51.4	51.4	60.5	79.9	87.4	87.8	90.8	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.2
GE 500		51.4	51.4	60.9	81.0	88.4	88.8	92.9	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 400		51.4	51.4	60.9	81.3	89.8	90.1	95.2	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.3
GE 300		51.4	51.4	60.9	81.3	89.8	90.1	96.3	97.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.6
GE 200		51.4	51.4	60.9	81.3	89.8	90.1	96.3	97.3	97.6	98.0	98.6	99.3	99.7	99.7	99.7	100.0
GE 100		51.4	51.4	60.9	81.3	89.8	90.1	96.3	97.3	97.6	98.0	98.6	99.3	99.7	99.7	99.7	100.0
GE 0		51.4	51.4	60.9	81.3	89.8	90.1	96.3	97.3	97.6	98.0	98.6	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 3
NO CEIL	1	11.8	11.8	13.7	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 20000		12.9	12.9	15.1	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 18000		12.9	13.0	15.2	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 16000		12.9	13.0	15.2	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 14000		12.9	13.0	15.2	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 12000		12.9	13.0	15.2	15.8	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 10000		16.9	16.9	19.6	20.8	21.1	21.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 9000		16.9	16.9	19.6	20.8	21.1	21.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 8000		16.9	16.9	19.6	20.8	21.1	21.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 7000		16.9	16.9	19.6	20.8	21.1	21.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 6000		16.9	17.0	19.6	20.9	21.1	21.2	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 5000		17.1	17.2	19.9	21.1	21.4	21.4	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 4500		17.3	17.4	20.1	21.4	21.6	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 4000		18.7	18.7	21.5	22.9	23.1	23.2	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 3500		19.4	19.5	22.4	23.7	24.0	24.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 3000		22.3	22.3	25.5	27.0	27.3	27.3	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 2500		25.1	25.2	28.4	30.1	30.5	30.5	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 2000		30.4	30.4	34.4	36.9	37.6	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 1800		31.9	32.0	36.3	39.1	39.8	39.9	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 1500	.0	37.0	37.1	42.2	46.6	47.5	47.5	48.3	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5
GE 1200	.0	42.2	42.3	48.8	56.4	58.1	58.3	59.5	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9
GE 1000	.0	45.1	45.2	53.1	64.7	67.2	67.5	69.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.2
GE 900	.0	45.7	45.9	54.3	68.0	71.1	71.4	73.9	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.6
GE 800	.0	46.6	46.8	55.9	72.0	76.0	76.3	79.6	80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6
GE 700	.0	46.9	47.1	56.6	74.7	80.6	81.1	85.6	86.2	86.6	86.8	86.9	86.9	86.9	86.9	87.0
GE 600	.0	47.2	47.4	57.3	76.6	83.6	84.2	89.7	90.4	91.0	91.2	91.4	91.4	91.4	91.4	91.4
GE 500	.0	47.5	47.6	57.7	77.3	84.8	85.5	91.8	92.8	93.5	93.8	94.0	94.0	94.0	94.0	94.0
GE 400	.0	47.5	47.6	57.7	77.6	85.5	86.3	93.8	95.0	96.1	96.5	96.9	96.9	97.0	97.0	97.0
GE 300	.0	47.5	47.6	57.7	77.8	85.8	86.5	94.5	96.0	97.5	97.8	98.6	99.0	99.0	99.1	99.1
GE 200	.0	47.5	47.6	57.7	77.8	85.8	86.5	94.5	96.0	97.5	97.8	98.8	99.5	99.7	99.8	99.9
GE 100	.0	47.5	47.6	57.7	77.8	85.8	86.5	94.5	96.0	97.5	97.8	98.8	99.5	99.8	100.0	100.0
GE 0	.0	47.5	47.6	57.7	77.8	85.8	86.5	94.5	96.0	97.5	97.8	98.8	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2322

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN	FEET	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		11.8	12.2	14.5	15.5	16.6	16.6	17.2	17.2	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 20000		13.5	13.9	16.2	17.9	18.9	18.9	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 18000		13.5	13.9	16.2	17.9	18.9	18.9	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 16000		13.5	13.9	16.2	17.9	18.9	18.9	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 14000		13.5	13.9	16.2	17.9	18.9	18.9	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 12000		13.5	13.9	16.2	17.9	18.9	18.9	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 10000		16.9	17.2	19.9	22.6	25.0	25.0	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 9000		16.9	17.2	19.9	22.6	25.0	25.0	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 8000		16.9	17.2	19.9	22.6	25.0	25.0	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 7000		16.9	17.2	19.9	22.6	25.0	25.0	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 6000		16.9	17.2	19.9	22.6	25.0	25.0	26.7	26.7	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 5000		17.2	17.6	20.3	23.0	25.3	25.3	27.0	27.0	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 4500		17.2	17.6	20.3	23.0	25.3	25.3	27.0	27.0	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 4000		17.6	17.9	20.6	23.3	25.7	25.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 3500		18.2	18.6	22.0	24.7	27.4	27.4	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 3000		19.6	19.9	23.3	26.0	28.7	28.7	30.7	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 2500		20.6	20.9	24.3	27.0	29.7	29.7	31.8	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 2000		24.0	24.3	29.1	33.1	36.1	36.1	38.2	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 1800		25.0	25.3	30.7	35.1	38.2	38.2	40.2	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1500		.3	29.1	29.4	34.8	40.5	44.3	44.3	46.6	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 1200		.3	31.8	32.1	38.2	48.0	54.4	54.4	58.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1000		.3	35.1	35.8	42.6	56.8	64.9	64.9	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 900		.3	35.8	36.5	44.6	59.8	68.9	68.9	76.7	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 800		.3	36.1	36.8	44.9	60.8	70.6	71.3	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 700		.3	36.5	37.2	46.3	63.2	74.3	75.0	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 600		.3	37.2	37.8	47.0	65.5	78.4	79.1	90.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500		.3	37.2	37.8	47.0	66.6	80.4	81.1	93.2	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9
GE 400		.3	37.2	37.8	47.0	66.6	81.1	82.1	95.3	96.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 300		.3	37.2	37.8	47.0	66.6	81.1	82.1	95.3	96.6	97.6	98.3	99.0	99.7	99.7	100.0	100.0
GE 200		.3	37.2	37.8	47.0	66.6	81.1	82.1	95.3	96.6	97.6	98.3	99.0	99.7	99.7	100.0	100.0
GE 100		.3	37.2	37.8	47.0	66.6	81.1	82.1	95.3	96.6	97.6	98.3	99.0	99.7	99.7	100.0	100.0
GE 0		.3	37.2	37.8	47.0	66.6	81.1	82.1	95.3	96.6	97.6	98.3	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		10.9	11.2	14.5	16.5	17.2	17.2	18.2	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 20000		11.2	11.6	14.9	17.2	18.5	18.5	19.5	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 18000		11.2	11.6	14.9	17.2	18.5	18.5	19.5	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 16000		11.2	11.6	14.9	17.2	18.5	18.5	19.5	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 14000		11.2	11.6	14.9	17.2	18.5	18.5	19.5	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 12000		11.2	11.6	14.9	17.2	18.5	18.5	19.5	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 10000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 9000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 8000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 7000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 6000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 5000		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 4500		14.2	14.5	18.2	22.4	24.1	24.1	27.1	27.4	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 4000		14.5	14.9	19.1	24.1	25.7	25.7	29.0	29.4	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 3500		14.9	15.2	19.5	24.4	26.1	26.1	29.4	29.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 3000		16.5	16.8	21.1	26.1	28.1	28.1	31.4	31.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 2500		16.8	17.2	22.1	27.4	29.4	29.4	32.7	33.0	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 2000		20.5	20.8	25.7	32.3	35.0	35.0	38.3	38.6	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 1800		23.1	23.4	28.7	35.3	38.0	38.0	41.3	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 1500		27.7	28.1	33.3	40.9	43.6	43.6	47.2	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 1200		30.4	31.0	37.6	48.2	53.1	53.1	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 1000		33.0	33.7	40.3	56.4	62.4	62.7	68.3	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 900		33.7	34.3	40.9	59.1	65.3	65.7	72.9	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 800		34.7	35.3	42.2	60.7	69.0	69.3	76.9	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 700		35.0	35.6	42.9	63.4	72.9	73.3	82.8	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 600		35.0	35.6	43.2	65.7	76.6	76.9	88.1	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 500		35.0	35.6	43.2	66.0	77.6	77.9	91.7	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400		35.0	35.6	43.2	66.3	78.9	79.2	94.1	96.4	97.7	98.0	98.3	98.3	98.3	98.3	98.3
GE 300		35.0	35.6	43.2	66.3	78.9	79.2	94.1	96.4	97.7	98.0	98.7	98.7	98.7	98.7	98.7
GE 200		35.0	35.6	43.2	66.3	78.9	79.2	94.1	96.4	97.7	98.0	98.7	99.3	99.3	99.7	99.7
GE 100		35.0	35.6	43.2	66.3	78.9	79.2	94.1	96.4	97.7	98.0	98.7	99.3	99.3	99.7	99.7
GE 71		35.0	35.6	43.2	66.7	79.2	79.5	94.4	96.7	98.0	98.3	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		9.8	9.8	12.5	14.5	14.8	14.8	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 20000		11.1	11.1	13.6	16.2	16.8	16.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 18000		11.1	11.1	13.8	16.2	16.8	16.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 16000		11.1	11.1	13.8	16.2	16.8	16.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 14000		11.1	11.1	13.8	16.2	16.8	16.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 12000		11.1	11.1	13.8	16.2	16.8	16.8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 10000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 9000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 8000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 7000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 6000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 5000		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 4500		14.1	14.1	18.5	21.5	24.2	24.2	27.3	27.3	27.3	27.3	27.6	27.6	27.6	27.6	27.6
GE 4000		14.8	14.8	19.2	22.2	24.9	24.9	28.3	28.3	28.3	28.3	28.6	28.6	28.6	28.6	28.6
GE 3500		14.8	14.8	19.2	22.2	24.9	24.9	28.3	28.3	28.3	28.3	28.6	28.6	28.6	28.6	28.6
GE 3000		15.2	15.2	19.5	23.6	26.3	26.3	29.6	29.6	29.6	29.6	30.0	30.0	30.0	30.0	30.0
GE 2500		16.2	16.2	21.2	25.3	27.9	27.9	31.3	31.3	31.3	31.3	31.6	31.6	31.6	31.6	31.6
GE 2000		18.5	18.5	24.2	29.0	32.0	32.0	35.7	35.7	35.7	35.7	36.0	36.0	36.0	36.0	36.0
GE 1800		19.5	19.5	25.6	30.3	33.7	33.7	37.4	37.4	37.4	37.4	37.7	37.7	37.7	37.7	37.7
GE 1500		22.6	22.6	29.3	35.0	38.4	38.4	42.1	42.1	42.1	42.1	42.4	42.4	42.4	42.4	42.4
GE 1200		27.3	27.6	35.4	44.8	50.2	50.2	54.9	54.9	54.9	54.9	55.2	55.2	55.2	55.2	55.2
GE 1000		31.6	32.0	39.7	54.9	60.6	60.6	67.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7
GE 900		32.3	32.7	40.4	56.9	63.3	64.0	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0
GE 800		34.0	34.3	42.4	60.3	67.7	68.4	78.1	78.5	78.5	78.5	79.1	79.1	79.1	79.1	79.1
GE 700		34.0	34.3	43.1	62.0	70.7	71.4	82.5	83.2	83.2	83.2	83.8	83.8	83.8	83.8	83.8
GE 600		35.0	35.4	44.4	65.0	75.1	75.8	89.9	90.6	90.6	90.6	91.2	91.2	91.2	91.2	91.2
GE 500		35.0	35.4	44.8	65.3	76.8	77.4	92.3	92.9	93.3	93.6	93.9	93.9	93.9	93.9	93.9
GE 400		35.0	35.4	45.1	66.0	78.1	78.8	94.6	95.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3
GE 300		35.0	35.4	45.1	66.0	78.5	79.1	95.6	96.3	97.6	98.0	98.7	99.0	99.0	99.0	99.0
GE 200		35.0	35.4	45.1	66.0	78.5	79.1	95.6	96.3	97.6	98.0	98.7	99.7	99.7	100.0	100.0
GE 100		35.0	35.4	45.1	66.0	78.5	79.1	95.6	96.3	97.6	98.0	98.7	99.7	99.7	100.0	100.0
GE 0		35.0	35.4	45.1	66.0	78.5	79.1	95.6	96.3	97.6	98.0	98.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	GT 160	VISIBILITY IN HUNDREDS OF METERS														
		GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		7.6	7.6	9.8	12.3	13.8	13.8	14.5	15.2	15.9	15.9	16.3	16.3	16.7	16.7	16.7
GE 20000		9.1	9.1	11.2	13.8	15.2	15.2	16.3	17.0	17.8	17.8	18.1	18.1	18.5	18.5	18.5
GE 18000		9.1	9.1	11.2	13.8	15.2	15.2	16.3	17.0	17.8	17.8	18.1	18.1	18.5	18.5	18.5
GE 16000		9.1	9.1	11.2	13.8	15.2	15.2	16.3	17.0	17.8	17.8	18.1	18.1	18.5	18.5	18.5
GE 14000		9.1	9.1	11.2	13.8	15.2	15.2	16.3	17.0	17.8	17.8	18.1	18.1	18.5	18.5	18.5
GE 12000		9.1	9.1	11.2	13.8	15.2	15.2	16.3	17.0	17.8	17.8	18.1	18.1	18.5	18.5	18.5
GE 10000		12.7	12.7	17.0	21.0	23.2	23.2	25.4	26.4	27.2	27.2	27.5	27.5	27.9	27.9	27.9
GE 9000		12.7	12.7	17.0	21.0	23.2	23.2	25.4	26.4	27.2	27.2	27.5	27.5	27.9	27.9	27.9
GE 8000		12.7	12.7	17.0	21.0	23.6	23.6	25.7	26.8	27.5	27.5	27.9	27.9	28.3	28.3	28.3
GE 7000		12.7	12.7	17.0	21.0	23.6	23.6	25.7	26.8	27.5	27.5	27.9	27.9	28.3	28.3	28.3
GE 6000		12.7	12.7	17.0	21.0	23.6	23.6	25.7	26.8	27.5	27.5	27.9	27.9	28.3	28.3	28.3
GE 5000		13.0	13.0	17.4	21.4	23.9	23.9	26.1	27.2	27.9	27.9	28.3	28.3	28.6	28.6	28.6
GE 4500		13.0	13.0	17.4	21.4	23.9	23.9	26.1	27.2	27.9	27.9	28.3	28.3	28.6	28.6	28.6
GE 4000		13.0	13.0	17.4	21.4	23.9	23.9	26.1	27.2	27.9	27.9	28.3	28.3	28.6	28.6	28.6
GE 3500		13.8	13.8	18.1	22.1	24.6	24.6	26.8	27.9	28.6	28.6	29.0	29.0	29.3	29.3	29.3
GE 3000		14.1	14.1	18.5	22.5	25.0	25.0	27.5	28.6	29.3	29.3	29.7	29.7	30.1	30.1	30.1
GE 2500		14.9	14.9	20.3	25.4	27.9	27.9	30.4	31.5	32.2	32.2	32.6	32.6	33.0	33.0	33.0
GE 2000		17.8	17.8	23.2	28.3	30.8	30.8	33.3	34.4	35.1	35.1	35.5	35.5	35.9	35.9	35.9
GE 1800		18.8	18.8	24.3	29.3	32.2	32.2	34.8	35.9	36.6	36.6	37.0	37.0	37.3	37.3	37.3
GE 1500		21.7	21.7	27.2	33.7	36.6	36.6	39.1	40.2	40.9	40.9	41.3	41.3	41.7	41.7	41.7
GE 1200		23.9	23.9	32.2	42.8	47.1	47.8	52.5	53.6	54.3	54.3	54.7	54.7	55.1	55.1	55.1
GE 1000		27.2	27.2	35.9	48.9	55.8	56.9	63.4	64.5	65.6	65.6	65.9	65.9	66.3	66.3	66.3
GE 900		27.9	27.9	37.0	51.8	59.4	60.5	68.5	69.6	70.7	70.7	71.0	71.0	71.4	71.4	71.4
GE 800		28.3	28.3	37.7	54.0	62.3	63.4	72.5	73.6	74.6	74.6	75.0	75.4	75.7	75.7	75.7
GE 700		28.3	28.3	38.8	57.6	70.3	71.4	81.5	82.6	84.1	84.8	85.1	85.1	85.5	85.5	85.5
GE 600		28.6	28.6	39.1	60.5	76.1	77.2	88.8	89.9	92.0	92.8	93.1	93.1	93.5	93.5	93.5
GE 500		28.6	28.6	39.1	61.6	77.2	78.3	90.2	91.3	93.5	94.6	94.9	94.9	95.3	95.3	95.3
GE 400		28.6	28.6	39.1	62.0	78.3	79.3	92.0	93.1	96.4	97.5	97.8	97.8	98.2	98.2	98.2
GE 300		28.6	28.6	39.1	62.0	78.3	79.3	92.8	93.8	97.1	98.2	98.6	98.9	99.3	99.3	99.3
GE 200		28.6	28.6	39.1	62.0	78.3	79.3	92.8	93.8	97.1	98.2	98.6	99.3	99.6	99.6	99.6
GE 100		28.6	28.6	39.1	62.0	78.3	79.3	93.1	94.2	97.5	98.6	98.9	99.6	100.0	100.0	100.0
GE 0		28.6	28.6	39.1	62.0	78.3	79.3	93.1	94.2	97.5	98.6	98.9	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL			11.7	12.0	13.7	15.1	16.1	16.1	16.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.4
GE 20000			14.0	14.4	16.4	18.4	19.7	19.7	20.4	20.7	21.1	21.1	21.4	21.4	21.4	21.4	21.7
GE 18000			14.0	14.4	16.4	18.4	19.7	19.7	20.4	20.7	21.1	21.1	21.4	21.4	21.4	21.4	21.7
GE 16000			14.0	14.4	16.4	18.4	19.7	19.7	20.4	20.7	21.1	21.1	21.4	21.4	21.4	21.4	21.7
GE 14000			14.0	14.4	16.4	18.4	19.7	19.7	20.4	20.7	21.1	21.1	21.4	21.4	21.4	21.4	21.7
GE 12000			14.0	14.4	16.4	18.4	19.7	19.7	20.4	20.7	21.1	21.1	21.4	21.4	21.4	21.4	21.7
GE 10000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 9000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 8000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 7000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 6000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 5000			18.1	18.4	22.1	25.8	27.8	27.8	30.8	31.4	32.1	32.1	32.4	32.4	32.4	32.4	32.8
GE 4500			18.1	18.4	22.4	26.1	28.1	28.1	31.1	31.8	32.4	32.4	32.8	32.8	32.8	32.8	33.1
GE 4000			19.4	19.7	23.7	27.8	29.6	29.8	32.8	33.4	34.1	34.1	34.4	34.4	34.4	34.4	34.8
GE 3500			19.4	19.7	23.7	27.8	29.8	29.8	32.8	33.4	34.1	34.1	34.4	34.4	34.4	34.4	34.8
GE 3000			20.1	20.4	24.4	28.8	30.8	30.8	33.8	34.4	35.1	35.1	35.5	35.5	35.5	35.5	35.8
GE 2500			20.7	21.1	25.1	30.1	32.1	32.1	35.5	36.1	36.8	36.8	37.1	37.1	37.1	37.1	37.5
GE 2000			24.1	24.4	28.8	33.8	36.5	36.5	39.8	40.5	41.1	41.1	41.5	41.5	41.5	41.5	41.8
GE 1800			25.4	25.8	30.4	35.5	38.5	38.5	41.8	42.5	43.1	43.1	43.5	43.5	43.5	43.5	43.8
GE 1500			27.1	27.4	32.1	37.8	41.1	41.1	45.2	45.8	46.5	46.5	46.8	46.8	46.8	46.8	47.2
GE 1200			30.4	31.1	36.1	43.5	49.2	49.5	54.2	55.5	56.5	56.5	56.9	57.2	57.2	57.2	57.5
GE 1000			32.1	33.1	40.5	50.2	59.5	59.9	65.6	67.2	68.2	68.2	68.6	68.9	68.9	68.9	69.2
GE 900			32.4	33.4	41.1	51.5	64.2	64.5	70.6	72.2	73.2	73.2	73.6	73.9	73.9	73.9	74.2
GE 800			33.1	34.1	41.8	55.5	67.6	67.9	74.9	76.9	78.3	78.6	78.9	79.3	79.3	79.3	79.6
GE 700			34.1	35.1	43.5	57.9	72.6	72.9	82.3	84.6	86.3	86.6	87.0	87.3	87.3	87.3	87.6
GE 600			34.4	35.5	43.8	58.9	73.9	74.9	86.6	89.3	91.3	91.6	92.3	92.6	92.6	92.6	93.0
GE 500			34.4	35.5	43.8	59.9	75.3	76.3	89.3	92.0	94.6	95.0	95.7	96.0	96.0	96.0	96.3
GE 400			34.4	35.5	43.8	60.2	75.6	76.6	90.0	92.6	96.0	96.7	97.3	98.0	98.0	98.0	98.3
GE 300			34.4	35.5	43.8	60.2	75.6	76.6	90.0	92.6	96.0	96.7	98.0	99.7	99.7	99.7	100.0
GE 200			34.4	35.5	43.8	60.2	75.6	76.6	90.0	92.6	96.0	96.7	98.0	99.7	99.7	99.7	100.0
GE 100			34.4	35.5	43.8	60.2	75.6	76.6	90.0	92.6	96.0	96.7	98.0	99.7	99.7	99.7	100.0
GE 0			34.4	35.5	43.8	60.2	75.6	76.6	90.0	92.6	96.0	96.7	98.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL		12.1	12.5	14.4	17.0	17.7	17.7	17.7	18.0	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 20000		14.8	15.1	17.0	20.0	20.7	20.7	21.0	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 18000		14.8	15.1	17.0	20.0	20.7	20.7	21.0	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 16000		14.8	15.1	17.0	20.0	20.7	20.7	21.0	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 14000		14.8	15.1	17.0	20.0	20.7	20.7	21.0	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 12000		14.8	15.1	17.0	20.0	20.7	20.7	21.0	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 10000		20.0	20.3	23.9	27.5	28.9	28.9	30.8	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 9000		20.0	20.3	23.9	27.5	28.9	28.9	30.8	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 8000		20.0	20.3	23.9	27.5	28.9	28.9	30.8	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 7000		20.0	20.3	23.9	27.5	28.9	28.9	30.8	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 6000		20.0	20.3	23.9	27.5	28.9	28.9	30.8	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 5000		20.0	20.3	23.9	27.5	28.9	28.9	31.1	32.1	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 4500		20.0	20.3	23.9	27.5	28.9	28.9	31.1	32.1	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 4000		20.3	20.7	24.3	27.9	29.2	29.2	31.5	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 3500		20.7	21.0	24.6	28.2	29.5	29.5	31.8	32.8	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 3000		22.0	22.3	25.9	30.2	31.5	31.5	33.8	34.8	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 2500		24.3	24.6	28.9	33.1	34.4	34.4	36.7	37.7	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 2000		28.5	28.9	33.8	39.0	40.3	40.3	42.6	43.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 1800		29.2	29.5	34.4	40.3	41.6	41.6	44.3	45.2	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 1500		31.1	31.5	36.4	43.6	45.2	45.2	48.5	49.5	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 1200		33.1	33.4	40.3	52.5	55.4	55.7	60.3	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1000		35.1	35.4	42.3	57.0	62.0	62.3	69.8	71.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 900		35.7	36.1	43.6	59.7	65.2	65.6	73.4	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 800		36.1	36.4	44.3	61.6	68.9	69.2	77.4	79.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 700		36.7	37.0	45.2	63.3	72.8	73.8	83.9	86.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 600		36.7	37.0	45.6	64.6	74.4	75.7	87.5	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 500		36.7	37.0	45.6	64.6	74.8	76.1	88.9	91.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1
GE 400		36.7	37.0	45.6	64.6	75.1	76.4	90.8	93.4	96.1	96.7	97.7	98.0	98.0	98.0	98.0
GE 300		36.7	37.0	45.6	64.6	75.1	76.4	90.8	93.4	96.1	96.7	98.0	98.7	98.7	99.0	99.0
GE 200		36.7	37.0	45.6	64.6	75.1	76.4	90.8	93.4	96.1	96.7	98.4	99.0	99.0	99.3	100.0
GE 100		36.7	37.0	45.6	64.6	75.1	76.4	90.8	93.4	96.1	96.7	98.4	99.0	99.0	99.3	100.0
GE 0		36.7	37.0	45.6	64.6	75.1	76.4	90.8	93.4	96.1	96.7	98.4	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE C
NO CEIL		11.1	11.5	14.2	18.2	18.9	18.9	18.9	19.3	19.3	19.3	19.3	19.6	19.6	19.6	19.6
GE 20000		12.5	12.8	15.5	19.6	20.6	20.6	20.9	21.6	21.6	22.0	22.0	22.3	22.3	22.3	22.3
GE 18000		12.5	12.8	15.5	19.6	20.6	20.6	20.9	21.6	21.6	22.0	22.0	22.3	22.3	22.3	22.3
GE 16000		12.5	12.8	15.5	19.6	20.6	20.6	20.9	21.6	21.6	22.0	22.0	22.3	22.3	22.3	22.3
GE 14000		12.5	12.8	15.5	19.6	20.6	20.6	20.9	21.6	21.6	22.0	22.0	22.3	22.3	22.3	22.3
GE 12000		12.5	12.8	15.5	19.6	20.6	20.6	20.9	21.6	21.6	22.0	22.0	22.3	22.3	22.3	22.3
GE 10000		14.9	15.2	19.9	25.0	26.4	26.4	27.4	28.0	28.0	28.4	28.4	28.7	28.7	28.7	28.7
GE 9000		14.9	15.2	19.9	25.0	26.4	26.4	27.4	28.0	28.0	28.4	28.4	28.7	28.7	28.7	28.7
GE 8000		14.9	15.2	19.9	25.0	26.4	26.4	27.4	28.0	28.0	28.4	28.4	28.7	28.7	28.7	28.7
GE 7000		14.9	15.2	19.9	25.0	26.4	26.4	27.4	28.0	28.0	28.4	28.4	28.7	28.7	28.7	28.7
GE 6000		14.9	15.2	19.9	25.0	26.4	26.4	27.4	28.0	28.0	28.4	28.4	28.7	28.7	28.7	28.7
GE 5000		14.9	15.2	19.9	25.0	26.4	26.4	27.7	28.4	28.4	28.7	28.7	29.1	29.1	29.1	29.1
GE 4500		14.9	15.2	19.9	25.3	26.7	26.7	28.0	28.7	28.7	29.1	29.1	29.4	29.4	29.4	29.4
GE 4000		14.9	15.2	20.6	26.0	27.7	27.7	29.1	29.7	29.7	30.1	30.1	30.4	30.4	30.4	30.4
GE 3500		15.5	15.9	21.6	27.0	28.7	28.7	30.1	30.7	30.7	31.1	31.1	31.4	31.4	31.4	31.4
GE 3000		17.2	17.6	23.3	28.7	30.4	30.4	31.8	32.4	32.4	32.8	32.8	33.1	33.1	33.1	33.1
GE 2500		18.9	19.3	26.0	31.8	33.4	33.4	35.1	35.8	35.8	36.1	36.1	36.5	36.5	36.5	36.5
GE 2000		22.3	22.6	29.4	35.8	37.5	37.5	39.2	39.9	39.9	40.2	40.2	40.5	40.5	40.5	40.5
GE 1800		22.6	23.0	29.7	36.8	38.5	38.5	40.2	40.9	40.9	41.2	41.2	41.6	41.6	41.6	41.6
GE 1500		25.7	26.0	33.8	43.9	45.9	45.9	48.6	49.3	49.3	49.7	49.7	50.0	50.0	50.0	50.0
GE 1200		29.7	30.1	39.5	53.7	56.8	57.1	61.1	61.8	62.8	63.2	63.2	63.5	63.5	63.5	63.5
GE 1000		31.4	31.8	42.9	58.8	64.9	65.2	70.9	71.6	72.6	73.0	73.0	73.3	73.3	73.3	73.3
GE 900		31.8	32.1	43.6	59.8	65.9	66.2	73.6	74.3	75.3	75.7	75.7	76.0	76.0	76.0	76.0
GE 800		32.1	32.4	43.9	62.2	68.9	69.3	78.4	79.1	80.1	80.4	80.4	80.7	80.7	80.7	80.7
GE 700		32.8	33.1	44.6	64.2	72.0	72.3	83.4	84.5	85.8	86.1	86.1	86.5	86.5	86.5	86.5
GE 600		33.1	33.4	44.9	64.9	75.0	75.3	88.9	90.2	91.6	91.9	91.9	92.2	92.2	92.2	92.2
GE 500		33.4	33.8	45.3	65.2	75.7	76.0	90.5	91.9	93.6	93.9	93.9	94.3	94.3	94.3	94.3
GE 400		33.4	33.8	45.3	65.9	77.4	77.7	93.2	95.3	97.3	97.6	97.6	99.0	99.7	99.7	99.7
GE 300		33.4	33.8	45.3	65.9	77.4	77.7	93.2	95.3	97.3	97.6	97.6	99.3	100.0	100.0	100.0
GE 200		33.4	33.8	45.3	65.9	77.4	77.7	93.2	95.3	97.3	97.6	97.6	99.3	100.0	100.0	100.0
GE 100		33.4	33.8	45.3	65.9	77.4	77.7	93.2	95.3	97.3	97.6	97.6	99.3	100.0	100.0	100.0
GE 0		33.4	33.8	45.3	65.9	77.4	77.7	93.2	95.3	97.3	97.6	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GE 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL]	13.2	13.2	15.8	18.8	19.8	19.8	20.1	20.1	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 20000]	13.5	13.5	16.2	19.1	20.5	20.5	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 18000]	13.5	13.5	16.2	19.1	20.5	20.5	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 16000]	13.5	13.5	16.2	19.1	20.5	20.5	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 14000]	13.5	13.5	16.2	19.1	20.5	20.5	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 12000]	13.5	13.5	16.2	19.1	20.5	20.5	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 10000]	16.5	16.5	20.1	24.8	26.4	26.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 9000]	16.5	16.5	20.1	24.8	26.4	26.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 8000]	16.5	16.5	20.1	24.8	26.4	26.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 7000]	16.5	16.5	20.1	24.8	26.4	26.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 6000]	16.5	16.5	20.1	24.8	26.4	26.7	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 5000]	16.5	16.5	20.1	24.8	26.4	26.7	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 4500]	16.5	16.5	20.1	24.8	26.4	26.7	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	26.4
GE 4000]	17.2	17.2	21.5	26.1	27.7	28.1	29.7	29.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 3500]	17.8	17.8	22.1	26.7	28.4	28.7	30.4	30.4	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 3000]	18.2	18.2	22.8	27.4	29.0	29.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 2500]	19.5	19.5	24.4	29.4	31.0	31.4	33.0	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 2000]	23.1	23.1	28.4	33.7	35.3	35.6	37.3	37.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 1800]	23.8	23.8	29.7	35.0	36.6	37.0	38.6	38.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 1500]	26.7	26.7	33.3	40.3	41.9	42.2	44.2	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.5
GE 1200]	29.7	29.7	37.3	51.2	55.4	56.1	60.1	60.4	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.7
GE 1000]	32.0	32.0	40.3	57.4	63.0	64.0	69.3	70.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.6
GE 900]	32.0	32.0	40.6	59.1	65.7	66.7	73.3	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.6
GE 800]	32.7	33.0	42.2	62.4	70.0	71.0	79.2	80.2	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.5
GE 700]	32.7	33.0	42.6	63.0	72.3	73.3	83.5	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	86.1
GE 600]	33.3	33.7	43.2	65.0	75.6	76.6	88.4	89.4	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.7
GE 500]	33.3	33.7	43.2	65.7	76.9	77.9	90.8	93.1	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.4
GE 400]	33.3	33.7	43.2	65.7	77.6	78.5	93.4	95.7	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 300]	33.3	33.7	43.2	65.7	77.6	78.5	93.4	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200]	33.3	33.7	43.2	65.7	77.6	78.5	93.4	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100]	33.3	33.7	43.2	65.7	77.6	78.5	93.4	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0]	33.3	33.7	43.2	65.7	77.6	78.5	93.4	95.7	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN HUNDREDS OF METERS															
	GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL]		11.1	11.3	13.7	16.0	16.9	16.9	17.5	17.7	18.0	18.0	18.1	18.1	18.1	18.1	18.2
GE 20000]		12.5	12.7	15.2	17.8	18.9	18.9	19.7	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.6
GE 18000]		12.5	12.7	15.2	17.8	18.9	18.9	19.7	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.6
GE 16000]		12.5	12.7	15.2	17.8	18.9	18.9	19.7	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.6
GE 14000]		12.5	12.7	15.2	17.8	18.9	18.9	19.7	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.6
GE 12000]		12.5	12.7	15.2	17.8	18.9	18.9	19.7	20.0	20.3	20.4	20.5	20.5	20.5	20.5	20.6
GE 10000]		16.0	16.2	20.0	23.9	25.8	25.8	27.9	28.4	28.8	28.8	29.0	29.0	29.1	29.1	29.1
GE 9000]		16.0	16.2	20.0	23.9	25.8	25.8	27.9	28.4	28.8	28.8	29.0	29.0	29.1	29.1	29.1
GE 8000]		16.0	16.2	20.0	23.9	25.8	25.9	28.0	28.4	28.8	28.8	29.0	29.1	29.1	29.1	29.1
GE 7000]		16.0	16.2	20.0	23.9	25.8	25.9	28.0	28.4	28.8	28.8	29.0	29.1	29.1	29.1	29.1
GE 6000]		16.0	16.2	20.0	23.9	25.8	25.9	28.0	28.4	28.8	28.8	29.0	29.1	29.1	29.1	29.1
GE 5000]		16.0	16.3	20.1	24.0	25.9	25.9	28.2	28.6	29.1	29.1	29.2	29.3	29.3	29.3	29.3
GE 4500]		16.0	16.3	20.1	24.0	26.0	26.0	28.3	28.7	29.1	29.2	29.3	29.3	29.4	29.4	29.4
GE 4000]		16.5	16.7	20.8	24.9	26.9	26.9	29.3	29.8	30.2	30.3	30.4	30.4	30.5	30.5	30.5
GE 3500]		16.9	17.1	21.4	25.4	27.5	27.5	29.9	30.4	30.8	30.9	31.0	31.0	31.1	31.1	31.1
GE 3000]		17.9	18.1	22.4	26.7	28.8	28.8	31.2	31.7	32.2	32.2	32.3	32.4	32.4	32.4	32.5
GE 2500]		19.0	19.2	24.1	28.7	30.8	30.8	33.3	33.9	34.4	34.4	34.5	34.6	34.6	34.6	34.7
GE 2000]		22.4	22.6	27.9	33.2	35.5	35.5	38.1	38.7	39.1	39.2	39.3	39.3	39.4	39.4	39.4
GE 1800]		23.5	23.7	29.3	34.8	37.2	37.3	39.9	40.4	40.9	40.9	41.1	41.1	41.1	41.1	41.2
GE 1500]	.0	26.5	26.7	32.6	39.5	42.2	42.2	45.3	45.8	46.3	46.3	46.4	46.5	46.5	46.5	46.6
GE 1200]	.0	29.6	29.9	37.1	48.1	52.8	53.1	57.4	58.2	58.9	58.9	59.1	59.2	59.2	59.2	59.3
GE 1000]	.0	32.3	32.7	40.6	55.1	61.7	62.1	68.3	69.2	69.9	70.0	70.1	70.2	70.3	70.3	70.4
GE 900]	.0	32.8	33.2	41.5	57.5	64.8	65.3	72.5	73.4	74.1	74.2	74.4	74.4	74.5	74.5	74.6
GE 800]	.0	33.4	33.9	42.5	59.7	68.2	68.8	77.1	78.1	78.9	79.2	79.3	79.4	79.4	79.4	79.5
GE 700]	.0	33.8	34.3	43.4	61.9	72.3	72.9	83.2	84.5	85.5	85.7	85.9	85.9	86.0	86.0	86.1
GE 600]	.0	34.2	34.7	44.0	63.7	75.6	76.4	88.6	90.0	91.2	91.5	91.6	91.7	91.7	91.7	91.8
GE 500]	.0	34.3	34.7	44.0	64.4	76.8	77.6	90.9	92.5	93.9	94.3	94.5	94.6	94.6	94.6	94.7
GE 400]	.0	34.3	34.7	44.1	64.7	77.7	78.6	92.9	94.8	96.9	97.5	98.0	98.2	98.3	98.3	98.4
GE 300]	.0	34.3	34.7	44.1	64.7	77.8	78.6	93.1	95.0	97.2	97.9	98.7	99.3	99.3	99.4	99.5
GE 200]	.0	34.3	34.7	44.1	64.7	77.8	78.6	93.1	95.0	97.2	97.9	98.8	99.5	99.6	99.7	99.9
GE 100]	.0	34.3	34.7	44.1	64.7	77.8	78.6	93.2	95.1	97.3	97.9	98.8	99.6	99.6	99.8	100.0
GE 0]	.0	34.3	34.7	44.1	64.7	77.8	78.7	93.2	95.1	97.3	98.0	98.9	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2375

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS: ALL

CEILING		VISIBILITY IN HUNDREDS OF METERS															
IN FEET		GT 160	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 8	GE 5	GE 4	GE 0
NO CEIL	1	.2	25.0	25.0	27.8	30.3	31.2	31.2	31.7	31.8	31.9	31.9	32.0	32.0	32.0	32.0	32.0
GE 20000		.2	28.2	28.3	31.4	34.3	35.2	35.3	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2
GE 18000		.2	28.2	28.3	31.4	34.3	35.2	35.3	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2
GE 16000		.2	28.2	28.3	31.4	34.3	35.2	35.3	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2
GE 14000		.2	28.2	28.3	31.4	34.3	35.2	35.3	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2
GE 12000		.2	28.2	28.3	31.4	34.3	35.2	35.3	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2
GE 10000		.3	37.9	38.0	42.4	47.1	48.7	48.7	49.9	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.6
GE 9000		.3	37.9	38.0	42.4	47.1	48.7	48.7	49.9	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.6
GE 8000		.3	37.9	38.0	42.4	47.1	48.7	48.7	49.9	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.6
GE 7000		.3	37.9	38.0	42.4	47.1	48.7	48.8	50.0	50.2	50.4	50.4	50.5	50.5	50.6	50.6	50.6
GE 6000		.3	38.1	38.1	42.6	47.2	48.8	48.9	50.1	50.4	50.5	50.6	50.7	50.7	50.7	50.7	50.7
GE 5000		.3	39.4	39.5	44.1	48.8	50.5	50.5	51.8	52.0	52.2	52.2	52.3	52.4	52.4	52.4	52.4
GE 4500		.3	39.7	39.8	44.4	49.2	50.8	50.9	52.1	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7
GE 4000		.3	43.4	43.5	48.6	53.5	55.2	55.3	56.6	56.8	57.0	57.0	57.1	57.2	57.2	57.2	57.2
GE 3500		.3	44.2	44.3	49.4	54.4	56.1	56.2	57.5	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.2
GE 3000		.3	46.8	46.9	52.3	57.5	59.3	59.4	60.7	60.9	61.1	61.2	61.3	61.3	61.3	61.3	61.4
GE 2500		.4	49.2	49.3	55.2	60.8	62.7	62.8	64.2	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.9
GE 2000		.5	52.3	52.4	58.8	65.1	67.2	67.3	68.7	69.0	69.2	69.3	69.4	69.4	69.4	69.4	69.5
GE 1800		.5	53.0	53.1	59.7	66.3	68.3	68.5	69.9	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.7
GE 1500		.5	55.2	55.4	62.4	69.9	72.3	72.4	74.1	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.9
GE 1200		.5	57.8	58.0	66.0	75.4	78.4	78.6	80.8	81.2	81.4	81.5	81.6	81.6	81.7	81.7	81.7
GE 1000		.5	59.4	59.5	68.1	79.3	83.1	83.3	86.2	86.7	86.9	87.0	87.1	87.2	87.2	87.2	87.3
GE 900		.5	59.8	59.9	68.7	80.6	84.8	85.0	88.3	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.5
GE 800		.5	60.0	60.2	69.2	81.9	86.7	86.9	90.7	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.1
GE 700		.5	60.2	60.4	69.6	83.0	88.3	88.6	93.1	93.8	94.3	94.4	94.6	94.6	94.6	94.6	94.7
GE 600		.5	60.4	60.5	69.9	83.7	89.5	89.8	95.0	95.8	96.3	96.5	96.7	96.7	96.8	96.8	96.8
GE 500		.5	60.4	60.6	70.0	83.9	89.9	90.3	95.8	96.7	97.4	97.6	97.8	97.8	97.8	97.9	97.9
GE 400		.5	60.4	60.6	70.1	84.0	90.2	90.6	96.5	97.6	98.4	98.6	98.9	99.0	99.0	99.0	99.1
GE 300		.5	60.4	60.6	70.1	84.1	90.2	90.6	96.7	97.8	98.6	98.9	99.3	99.5	99.6	99.6	99.7
GE 200		.5	60.4	60.6	70.1	84.1	90.3	90.6	96.7	97.8	98.6	98.9	99.3	99.7	99.8	99.8	99.9
GE 100		.5	60.4	60.6	70.1	84.1	90.3	90.6	96.7	97.8	98.7	98.9	99.4	99.7	99.8	99.8	100.0
GE 0		.5	60.4	60.6	70.1	84.1	90.3	90.6	96.7	97.8	98.7	98.9	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 28125

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 79-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	11.6			2.6	1.0	1.0	1.0		5.6	11.2	66.0	8.3	301
03-05	10.9			4.2	1.0	1.0	1.0		3.5	10.3	68.2	8.3	311
06-08	9.8			2.6	1.0	.7	1.3		5.2	8.8	70.7	8.5	307
09-11	5.4	.7		5.4	2.5	.4	2.5		3.6	13.0	66.4	8.5	277
12-14	9.2	.7		3.3	3.0	1.3	2.6		8.5	10.8	60.7	8.2	305
15-17	8.4			6.5	1.9	.6	1.9		6.8	16.2	57.6	8.2	309
18-20	9.6	1.0		5.3	2.6	1.7	3.3		2.6	11.9	61.9	8.0	302
21-23	14.9			2.3	1.9	.6	1.9		4.9	13.0	60.4	7.9	308
TOTALS	10.0	.3		4.0	1.9	.9	1.9		5.1	11.9	64.0	8.2	2422

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 79-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	26.9			3.6	4.7	.7	1.8		4.4	10.9	46.9	6.5	275
03-05	29.2			2.1	2.1	1.8	1.8		4.2	8.8	50.0	6.5	264
06-08	23.7			3.3	3.6	.7	2.9		5.5	9.1	51.1	6.8	274
09-11	14.1	.8		5.1	5.5	.4	5.1		9.4	12.2	47.5	7.3	255
12-14	16.0	1.4		5.3	4.3	1.4	3.9		10.7	14.9	42.0	7.0	281
15-17	14.6	2.5		6.8	4.3	.7	5.0		8.2	15.7	42.3	7.0	281
18-20	16.5	2.5		6.8	2.9	1.4	3.6		10.8	11.5	44.1	6.9	279
21-23	22.6			6.1	6.1	.7	4.7		6.1	11.8	41.9	6.5	279
TOTALS	20.5	.9		4.9	4.2	1.0	3.6		7.4	11.9	45.7	6.8	2208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	28.2			4.7	2.7	1.0	3.7		4.3	14.0	41.5	6.3	301
03-05 I	28.2			3.6	2.6	1.0	2.9		3.2	11.7	46.8	6.4	308
06-08 I	25.4	1.0		4.2	2.0	.3	2.0		4.2	9.1	51.8	6.7	307
09-11 I	21.3	.7		5.8	3.2	1.1	5.1		6.9	12.6	43.3	6.7	277
12-14 I	14.1	2.9		6.5	5.6	1.0	4.9		7.8	15.0	42.2	7.0	306
15-17 I	14.4	1.0		7.2	3.3	.3	6.9		8.2	20.3	38.4	7.1	305
18-20 I	12.3	1.0		9.1	4.5	1.3	2.6		9.4	18.2	41.6	7.2	308
21-23 I	25.3	1.0		4.9	5.6	.7	3.9		4.9	14.5	39.1	6.3	304
TOTALS I	21.2	1.0		5.8	3.7	.8	4.0		6.1	14.4	43.1	6.7	2416

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	31.5	2.1		3.8	4.5	.3	4.8		6.2	14.0	72.9	5.7	292
03-05 I	28.4	.3		2.3	4.3	2.6	2.6		9.6	13.2	36.6	6.2	303
06-08 I	16.8	2.4		8.4	3.4	1.3	4.4		6.7	10.4	46.1	6.8	297
09-11 I	19.0	1.7		5.1	2.7	1.4	3.4		7.8	16.7	42.2	6.9	294
12-14 I	10.5	1.7		5.8	6.1	2.0	3.4		10.5	21.7	38.3	7.4	295
15-17 I	5.4	1.7		4.1	5.1	2.0	5.1		14.2	24.7	17.6	7.9	295
18-20 I	8.6	2.4		5.8	5.2	3.1	5.2		12.7	20.3	36.8	7.4	291
21-23 I	19.9	2.4		10.1	6.1	2.0	5.1		8.4	14.8	71.3	6.1	297
TOTALS I	17.5	1.8		5.7	4.7	1.8	4.3		9.5	17.0	77.7	6.8	2364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	18.2	.7		10.5	2.9	1.6	5.9		6.9	14.7	18.6	4.6	306
03-05	19.6	1.9		8.3	4.2	2.6	4.8		6.4	10.5	21.7	4.5	313
06-08	27.0	4.6		9.1	4.6	.3	7.8		10.4	11.4	24.8	5.3	307
09-11	26.1	3.6		10.7	3.3	1.0	7.8		10.4	16.9	20.2	5.4	307
12-14	15.0	3.6		7.5	7.8	2.6	7.8		14.7	19.9	20.9	6.2	306
15-17	9.5	2.0		9.5	5.2	3.0	9.5		17.0	23.0	21.3	6.8	305
18-20	10.7	2.7		15.4	4.7	2.0	5.7		17.7	18.1	23.1	6.5	299
21-23	22.2	3.6		10.5	6.2	.7	5.6		15.0	15.0	21.2	5.6	306
TOTALS	23.5	2.8		10.2	4.9	1.7	6.9		12.3	16.2	21.5	5.6	2449

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	16.8	6.0		15.4	7.0	1.7	9.4		12.4	11.1	20.1	5.5	298
03-05	27.8	4.0		11.7	4.3	1.7	5.4		8.4	14.4	22.4	5.2	299
06-08	22.0	4.1		10.3	5.2	1.7	4.5		8.6	13.7	29.9	5.8	291
09-11	18.1	2.7		8.0	6.0	2.0	5.0		17.1	14.0	27.1	6.2	299
12-14	3.3	2.0		7.0	7.7	1.3	10.7		20.3	23.7	24.0	7.4	300
15-17	3.0	1.3		6.1	8.1	3.0	7.7		23.9	25.9	20.9	7.5	297
18-20	6.4	3.3		8.0	7.4	1.3	7.0		20.4	23.7	22.4	7.1	299
21-23	8.8	3.4		13.5	7.4	1.3	8.4		14.8	20.2	22.2	6.5	297
TOTALS	13.3	3.4		10.0	6.6	1.8	7.3		15.7	18.3	23.6	6.4	2380

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	25.5	5.4		7.4	7.0	1.7	9.7		10.1	11.1	22.1	5.2	298
03-05	29.6	1.9		11.6	5.5	1.6	6.8		8.0	13.8	21.2	5.1	311
06-08	22.3	3.9		11.1	3.6	.7	4.3		11.1	14.8	28.2	5.8	305
09-11	19.6	3.9		10.1	4.6	1.3	5.6		14.1	15.4	25.5	6.0	306
12-14	2.6	2.6		6.8	7.5	3.3	10.7		20.2	21.8	24.4	7.4	307
15-17	1.6	1.0		5.2	7.2	2.3	10.1		27.4	19.5	25.7	7.7	307
18-20	2.9	2.6		10.1	6.2	2.3	10.1		21.8	23.5	20.5	7.2	307
21-23	12.4	4.6		12.1	6.5	1.3	9.1		16.3	15.0	22.8	6.2	307
TOTALS	14.6	3.2		9.3	6.0	1.8	8.3		16.1	16.9	23.8	6.3	2448

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	36.4	3.0		9.8	5.6	2.3	5.2		8.9	10.8	18.0	4.5	305
03-05	37.6	1.0		9.0	4.8	1.0	5.8		6.8	16.4	17.7	4.7	311
06-08	17.8	4.9		12.5	5.3	2.3	5.3		7.9	14.8	29.3	6.0	304
09-11	20.0	3.9		12.1	4.6	.3	4.6		12.1	17.0	25.2	5.9	305
12-14	5.6	1.6		10.2	8.6	3.6	7.6		16.8	22.0	24.0	7.0	304
15-17	3.6	1.6		6.8	6.8	3.6	10.1		20.5	20.5	26.4	7.4	307
18-20	5.0	3.0		12.9	9.2	3.6	10.2		15.5	18.8	21.8	6.7	303
21-23	17.3	4.6		13.1	6.9	2.3	8.5		8.2	16.3	22.9	5.7	306
TOTALS	17.9	3.0		10.8	6.5	2.4	7.2		12.1	17.1	23.2	6.0	2445

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	27.4	1.0		6.0	5.2	3.1	1.7		8.7	13.5	31.3	5.8
03-05	25.3	.7		5.0	4.0	1.0	5.3		6.7	14.3	37.7	6.3
06-08	12.4	2.7		6.2	8.2	1.4	2.7		8.9	11.7	45.7	7.1
09-11	9.7	2.3		5.7	2.0	1.3	2.7		7.7	17.8	50.7	7.8
12-14	3.5	2.1		8.1	3.5	1.1	4.2		9.8	24.2	43.5	8.0
15-17	3.1	1.4		4.4	4.4	2.0	5.4		15.0	25.9	38.4	8.1
18-20	5.3	2.1		8.9	5.0	1.4	3.9		16.0	19.5	37.9	7.6
21-23	20.1	1.3		10.7	4.4	2.3	6.4		8.4	15.8	30.5	6.2
TOTALS	13.4	1.7		7.1	4.6	1.7	4.0		10.2	17.8	39.5	7.1

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
00-02	18.7	.3		5.2	2.0	1.0	3.0		5.2	18.4	46.2	7.2
03-05	19.9			3.2	1.6	1.0	5.8		4.2	15.8	48.6	7.2
06-08	16.6	.7		3.3	4.6	1.0	2.0		5.6	14.6	51.7	7.4
09-11	7.3	.3		5.0	.3	.3	2.3		7.6	18.8	58.1	8.4
12-14	7.0	.7		5.3	3.7	1.0	2.0		10.3	16.7	53.3	8.1
15-17	6.6	2.3		5.3	2.0	.7	3.3		8.9	16.8	54.3	8.1
18-20	8.4	1.3		7.7	3.3	1.7	3.0		5.4	16.1	53.2	7.8
21-23	19.7			4.9	3.6	.7	1.3		5.9	15.5	48.4	7.1
TOTALS	13.0	.7		5.0	2.6	.9	2.8		6.6	16.6	51.7	7.7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	9.6	.3		1.4	.7	1.0	2.4		4.1	11.3	69.3	8.5	293
03-05	8.4	.3		1.7	1.3	.7	2.0		4.0	8.4	73.1	8.6	297
06-08	9.6	.7		1.4	2.0	.3	1.7		3.8	8.5	72.0	8.5	293
09-11	3.8	.7		4.2	2.1	.3	2.4		4.8	10.0	71.6	8.8	289
12-14	3.0	1.0		3.0	2.0	1.0	2.4		7.1	13.5	66.9	8.8	296
15-17	4.3	.7		2.7	1.7	.7	2.0		7.4	16.1	64.5	8.8	299
18-20	6.8	1.4		3.4	2.7	.7	2.0		4.4	11.2	67.5	8.5	295
21-23	11.7	.3		4.0	1.7	.7	3.0		4.0	14.8	59.7	8.0	298
TOTALS	7.2	.7		2.7	1.8	.7	2.2		5.0	11.7	68.1	8.6	2360

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.3	.3		2.0	3.0	.3	2.0		4.0	12.3	63.7	8.1	300
03-05	14.6			.6	2.3	.3	1.9		2.9	8.4	68.8	8.1	308
06-08	12.3			1.0	2.3	1.0	2.3		3.3	8.9	68.9	8.3	302
09-11	7.4	.4		4.6	2.5	1.1	.7		2.5	11.3	69.5	8.5	282
12-14	9.8	1.3		2.6	1.6	.7	1.3		4.6	17.7	60.3	8.3	305
15-17	8.4	1.3		4.5	1.6	1.0	1.6		5.5	15.5	60.5	8.2	309
18-20	12.8			4.3	1.0	.7	1.6		4.9	12.5	62.2	8.0	304
21-23	14.6	.3		1.6	2.3	.6	1.6		3.2	14.0	61.7	8.0	308
TOTALS	11.5	.5		2.7	2.1	.7	1.1		3.9	12.6	64.5	8.2	2418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER														
FOURS (LST)		0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	10.0	.3		4.0	1.9	.9	1.9		5.1	11.9	64.0	8.2	2422
FEB		20.5	.9		4.9	4.2	1.0	3.6		7.4	11.9	45.7	6.8	2208
MAR		21.2	1.0		5.8	3.7	.8	4.0		6.1	14.4	43.1	6.7	2416
APR		17.5	1.8		5.7	4.7	1.8	4.3		9.5	17.0	37.7	6.8	2364
MAY		23.5	2.8		10.2	4.9	1.7	6.9		12.3	16.2	21.5	5.6	2449
JUN		13.3	3.4		10.0	6.6	1.8	7.3		15.7	18.3	23.6	6.4	2380
JUL		14.6	3.2		9.3	6.0	1.8	8.3		16.1	16.9	23.8	6.3	2448
AUG		17.9	3.0		10.8	6.5	2.4	7.2		12.1	17.1	23.2	6.0	2445
SEP		13.4	1.7		7.1	4.6	1.7	4.0		10.2	17.8	39.5	7.1	2336
OCT		13.0	.7		5.0	2.6	.9	2.8		6.6	16.6	51.7	7.7	2428
NOV		7.2	.7		2.7	1.8	.7	2.2		5.0	11.7	68.1	8.6	2360
DEC		11.5	.5		2.7	2.1	.7	1.6		3.9	12.6	64.5	8.2	2418
TOTALS		15.3	1.7		6.5	4.1	1.4	4.5		9.2	15.2	42.2	7.0	28674

PPPPFP
PPPPPP
PP PP
PP PP
PPPPPP
PPPPPP
PP
PP
PP
PP
PP

AAAAA
AAAAAA
AA AA
AA AA
AA AA
AAAAAAAA
AAAAAAAA
AA AA
AA AA
AA AA
AA AA

RRRRRR
RRRRRR
RR RR
RR RR
RRRRRR
RRRRRR
RR RR
RR RR
RR RR
RR RR
RR RR

TTTTTTTT
TTTTTTTT
TT
TT
TT
TT
TT
TT
TT
TT
TT

EEEEEEEE
EEEEEEEE
EE
EE
EEEE
EEEE
EE
EE
EE
EEEEEEEE
EEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABLLATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEV-IATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCAN-ING THE HOUURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FORE OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPRATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALLS PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW LSSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
00-02	MEAN	16.0	15.6	26.5	39.9	53.1	59.0	61.2	59.0	49.9	40.3	30.4	20.3	39.4
	SD	12.901	9.568	8.847	8.498	9.372	7.489	5.927	6.093	7.157	7.639	8.427	12.084	18.722
	TOT OBS	302	273	302	289	305	296	297	304	288	303	293	300	3552
03-05	MEAN	16.5	14.8	25.9	38.7	51.1	57.1	59.6	57.6	48.9	39.8	30.6	20.8	38.6
	SD	13.198	10.196	9.248	8.139	8.889	7.117	5.606	5.800	7.062	7.744	8.459	12.341	18.131
	TOT OBS	308	282	307	301	310	299	307	311	299	309	296	308	3637
06-08	MEAN	15.3	13.1	23.7	36.5	48.8	55.8	58.2	55.5	46.9	38.1	29.5	19.6	36.9
	SD	13.480	10.655	9.725	7.797	8.478	6.903	4.909	5.615	6.716	7.856	8.644	12.551	18.049
	TOT OBS	307	274	307	297	306	289	304	305	292	302	292	301	3576
09-11	MEAN	15.3	12.7	24.3	39.7	55.0	61.3	63.6	60.9	49.5	39.2	29.9	20.0	40.1
	SD	13.684	11.181	10.216	8.373	9.839	8.103	6.224	6.260	6.898	7.764	8.569	12.904	20.101
	TOT OBS	276	253	272	293	306	298	306	300	297	302	288	278	3469
12-14	MEAN	16.6	16.9	29.8	44.7	60.7	65.8	68.2	66.4	54.5	42.6	31.4	21.0	43.4
	SD	12.900	9.280	9.126	10.197	11.575	9.185	7.557	7.763	8.670	8.218	8.332	12.015	21.355
	TOT OBS	301	281	304	293	305	298	307	304	285	299	294	305	3576
15-17	MEAN	18.3	20.3	32.6	47.0	63.0	67.9	70.3	68.4	57.0	44.6	32.3	22.0	45.4
	SD	11.804	8.237	8.882	10.736	12.023	9.723	7.698	8.174	9.661	8.865	7.971	11.415	21.375
	TOT OBS	307	281	305	295	306	295	304	307	291	305	298	307	3601
18-20	MEAN	17.4	19.3	32.0	46.5	62.3	67.4	69.4	67.2	55.4	42.6	31.4	21.3	44.5
	SD	11.930	8.517	8.885	10.432	11.385	9.350	7.501	8.045	9.143	8.111	7.971	11.665	21.298
	TOT OBS	301	279	307	291	299	298	307	304	282	298	294	303	3563
21-23	MEAN	16.6	17.0	29.0	43.0	58.1	63.4	65.4	62.3	51.7	41.1	30.6	20.7	41.7
	SD	12.347	9.101	8.609	9.507	10.166	8.223	6.509	7.011	7.982	7.966	8.281	12.257	19.978
	TOT OBS	306	276	302	297	306	297	305	305	298	303	297	308	3600
ALL	MEAN	16.5	16.3	28.0	42.0	56.5	62.2	64.5	62.1	51.7	41.1	30.8	20.7	41.2
	SD	12.804	9.930	9.712	9.935	11.409	9.387	7.837	8.225	8.628	8.260	8.364	12.156	20.113
	TOT OBS	2408	2199	2406	2356	2443	2370	2437	2440	2332	2421	2352	2410	28574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
00-02	MEAN	15.4	14.7	24.7	36.2	47.3	53.8	57.0	55.5	47.3	38.1	29.2	19.5	36.7
	SD	12.622	9.163	8.574	7.515	7.575	6.356	4.295	5.332	6.456	7.407	8.128	11.812	17.151
	TOT OBS	301	272	300	289	304	295	297	304	288	302	293	299	3544
03-05	MEAN	15.9	14.1	24.3	35.8	46.5	53.1	56.4	54.8	46.9	37.9	29.5	20.1	36.4
	SD	12.951	9.908	8.956	7.473	7.658	6.451	4.451	5.295	6.598	7.541	8.234	12.097	16.982
	TOT OBS	307	281	302	300	309	297	307	310	298	308	295	307	3621
06-08	MEAN	14.7	12.5	22.5	34.2	45.0	52.5	55.5	53.5	45.3	36.6	28.5	19.0	35.1
	SD	13.186	10.390	9.480	7.375	7.693	6.430	4.212	5.320	6.441	7.721	8.358	12.242	17.139
	TOT OBS	305	274	304	297	304	287	302	303	292	302	291	301	3562
09-11	MEAN	14.7	12.2	23.0	36.3	48.6	55.5	58.4	56.7	47.3	37.5	28.8	19.4	37.3
	SD	13.267	10.909	9.748	7.438	8.290	6.478	4.620	5.202	6.505	7.609	8.276	12.579	18.159
	TOT OBS	274	253	270	291	304	294	304	297	294	301	288	275	3445
12-14	MEAN	15.8	15.8	27.2	39.0	50.9	56.9	59.8	58.5	49.7	39.5	29.8	20.2	38.7
	SD	12.514	9.007	8.194	8.006	8.671	6.613	4.626	5.574	7.005	7.869	7.892	11.706	18.025
	TOT OBS	301	279	304	290	305	298	306	303	284	297	294	304	3565
15-17	MEAN	17.3	18.5	28.9	39.9	51.6	57.4	60.4	59.2	50.5	40.4	30.4	20.9	39.7
	SD	11.380	7.926	7.673	7.798	8.299	6.558	4.415	5.572	7.116	7.969	7.612	11.161	17.477
	TOT OBS	306	279	303	294	306	293	303	306	291	304	297	306	3588
18-20	MEAN	16.5	17.7	28.4	39.6	51.2	57.1	60.0	58.7	49.7	39.2	29.7	20.4	39.1
	SD	11.511	8.151	7.707	7.706	7.934	6.445	4.423	5.509	7.141	7.579	7.676	11.403	17.562
	TOT OBS	300	279	307	291	299	298	306	304	279	297	293	302	3555
21-23	MEAN	15.9	15.8	26.5	37.9	49.8	55.8	58.8	57.0	48.3	38.6	29.3	19.9	37.9
	SD	11.970	8.712	7.984	7.727	7.706	6.309	4.343	5.429	6.775	7.643	7.996	11.942	17.477
	TOT OBS	306	275	300	296	305	297	303	304	297	302	296	307	3588
ALL	MEAN	15.8	15.2	25.7	37.3	48.9	55.3	58.3	56.7	48.1	38.5	29.4	19.9	37.6
	SD	12.442	9.519	8.831	7.861	8.287	6.687	4.731	5.727	6.944	7.744	8.032	11.863	17.555
	TOT OBS	2400	2192	2390	2348	2436	2359	2428	2431	2323	2413	2347	2401	28468

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
00-02	MEAN	12.1	10.3	20.1	30.5	41.3	49.4	54.0	52.7	44.9	35.0	26.5	16.5	32.9
	SD	13.551	10.079	10.228	9.087	8.780	7.546	4.718	5.916	6.704	8.443	9.146	12.867	17.708
	TOT OBS	301	272	300	289	304	295	297	304	288	302	293	299	3544
03-05	MEAN	12.9	10.2	20.3	31.2	41.7	49.8	54.2	52.8	45.1	35.2	27.0	17.2	33.3
	SD	13.854	10.795	10.530	8.852	8.867	7.343	4.609	5.641	6.796	8.645	9.122	13.070	17.718
	TOT OBS	307	281	302	300	309	297	307	310	298	308	295	307	3621
06-08	MEAN	11.6	8.8	19.1	30.2	40.9	49.6	53.5	51.9	43.7	34.2	26.1	16.1	32.2
	SD	13.982	11.228	10.673	8.652	8.760	7.232	4.506	5.525	6.790	8.579	9.181	13.196	17.901
	TOT OBS	305	274	304	297	304	287	302	303	292	302	291	301	3562
09-11	MEAN	11.5	8.8	19.1	31.2	42.0	50.8	54.6	53.5	45.1	34.9	26.4	16.4	33.6
	SD	14.126	11.681	10.552	8.835	9.727	7.126	5.327	5.515	6.926	8.661	9.082	13.635	18.333
	TOT OBS	274	253	270	291	304	294	304	297	294	301	288	275	3445
12-14	MEAN	12.3	11.0	21.4	31.3	41.4	49.9	53.8	52.8	45.3	35.3	26.5	16.7	33.2
	SD	13.463	10.211	9.502	9.397	10.323	7.636	5.441	6.216	7.478	9.233	8.884	12.968	17.745
	TOT OBS	301	279	304	290	305	298	306	303	284	297	294	304	3565
15-17	MEAN	13.3	11.9	21.4	30.3	40.8	49.1	53.4	52.6	44.7	35.0	26.6	17.1	33.1
	SD	12.424	9.658	9.415	9.500	9.734	7.913	5.744	6.411	7.426	9.430	9.092	12.570	17.240
	TOT OBS	306	279	303	294	306	293	303	306	291	304	297	306	3588
18-20	MEAN	12.7	11.6	21.0	30.2	40.6	46.9	53.2	52.4	44.3	34.7	26.3	16.9	32.8
	SD	12.514	9.717	9.480	9.550	9.744	7.924	5.697	6.521	7.681	8.867	9.050	12.737	17.325
	TOT OBS	300	279	307	291	299	298	306	304	279	297	293	302	3555
21-23	MEAN	12.2	10.8	20.8	30.6	41.6	49.6	53.9	53.0	45.0	35.1	26.4	16.7	33.1
	SD	12.866	9.832	9.735	9.420	9.218	7.909	5.403	6.071	7.147	8.714	8.990	13.048	17.676
	TOT OBS	306	275	300	296	305	297	303	304	297	302	296	307	3588
ALL HOURS	MEAN	12.3	10.4	20.4	30.7	41.3	49.6	53.8	52.7	44.8	34.9	26.5	16.7	33.0
	SD	13.345	10.448	10.040	9.163	9.406	7.594	5.213	5.996	7.129	8.820	9.058	12.993	17.707
	TOT OBS	2400	2192	2390	2348	2436	2359	2426	2431	2323	2413	2347	2401	28468

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 75-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	00-02	100.0	100.0	100.0	100.0	99.7	98.7	93.7	71.8	31.6	84.6	301	
	03-05	100.0	100.0	100.0	100.0	99.7	98.4	94.8	76.9	37.5	85.4	307	
	06-08	100.0	100.0	100.0	100.0	100.0	98.7	94.8	79.0	36.1	85.7	305	
	09-11	100.0	100.0	100.0	100.0	99.3	98.5	93.8	74.8	32.8	84.8	274	
	12-14	100.0	100.0	100.0	100.0	99.0	97.7	94.4	70.8	20.3	83.3	301	
	15-17	100.0	100.0	100.0	99.7	98.4	96.4	89.2	56.5	15.0	81.0	306	
	18-20	100.0	100.0	100.0	99.7	98.0	96.0	91.3	63.7	16.7	81.9	300	
	21-23	100.0	100.0	100.0	99.7	99.0	96.4	91.8	69.3	23.5	82.9	306	
	TOTALS	100.0	100.0	100.0	99.9	99.1	97.6	93.0	70.4	26.7	83.7	2400	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
FEB	00-02	100.0	100.0	100.0	100.0	98.2	94.9	80.9	53.7	18.8	79.9	272
	03-05	100.0	100.0	100.0	99.6	99.3	96.8	85.1	62.3	21.4	81.8	281
	06-08	100.0	100.0	100.0	100.0	99.3	97.8	88.7	64.2	28.5	83.0	274
	09-11	100.0	100.0	100.0	99.6	99.6	98.4	91.7	70.0	28.9	84.2	253
	12-14	100.0	100.0	100.0	100.0	99.6	93.2	74.6	40.9	12.2	77.6	275
	15-17	100.0	100.0	100.0	99.3	91.0	79.2	52.7	20.1	6.5	70.6	274
	18-20	100.0	100.0	100.0	100.0	94.6	82.1	59.5	29.0	7.5	72.5	275
	21-23	100.0	100.0	100.0	99.6	98.5	89.5	74.9	41.1	10.5	76.9	275
	TOTALS	100.0	100.0	100.0	99.8	97.5	91.5	76.0	47.7	16.8	78.3	2192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NLP OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
MAR	00-02	100.0	100.0	100.0	99.7	97.7	91.7	67.7	42.7	20.0	77.3	300	
	03-05	100.0	100.0	100.0	99.7	98.3	93.4	80.8	53.0	24.8	80.3	302	
	06-08	100.0	100.0	100.0	100.0	99.7	97.0	86.2	60.2	31.3	82.9	304	
	09-11	100.0	100.0	100.0	99.6	98.9	94.8	82.6	56.7	25.6	81.2	270	
	12-14	100.0	100.0	100.0	99.3	90.1	76.6	55.9	32.9	10.5	72.0	304	
	15-17	100.0	100.0	99.3	95.0	78.2	60.4	38.0	21.1	6.6	65.2	303	
	18-20	100.0	100.0	99.7	92.2	80.5	59.3	39.7	22.8	8.8	65.8	307	
	21-23	100.0	100.0	100.0	98.7	92.0	79.7	52.3	34.0	12.7	72.3	300	
TOTALS		100.0	100.0	99.9	98.0	91.8	81.6	62.9	40.4	17.5	74.6	2390	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 27612C STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUP	OBS
APR	00-02	100.0	100.0	100.0	97.6	86.9	67.8	50.9	33.2	13.8	70.6	284	
	03-05	100.0	100.0	100.0	99.3	96.7	82.3	60.7	43.3	18.3	75.7	300	
	06-08	100.0	100.0	100.0	100.0	98.7	92.6	72.1	48.1	21.5	78.6	297	
	09-11	100.0	100.0	100.0	99.0	93.5	73.7	56.4	36.4	16.5	72.9	291	
	12-14	100.0	100.0	99.0	87.6	67.2	50.3	33.4	22.1	7.6	62.1	290	
	15-17	100.0	99.0	93.5	70.4	52.7	39.5	28.2	14.3	5.4	56.0	294	
	18-20	100.0	100.0	92.8	71.1	55.0	39.5	27.8	17.5	7.6	56.6	291	
	21-23	100.0	100.0	99.7	87.8	68.6	52.4	39.5	25.7	10.8	64.2	290	
TOTALS		100.0	99.9	98.1	89.1	77.4	62.2	46.1	30.1	12.7	67.1	2344	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
MAY	00-02	100.0	100.0	99.3	94.1	78.9	57.9	39.5	24.7	10.9	66.2	304	
	03-05	100.0	100.0	100.0	98.7	88.3	72.5	53.7	31.7	15.5	72.1	309	
	06-08	100.0	100.0	100.0	99.0	93.8	83.9	63.8	40.5	13.8	75.3	304	
	09-11	100.0	100.0	99.3	95.4	76.0	50.7	32.2	18.1	6.6	63.5	304	
	12-14	100.0	100.0	92.8	67.5	42.3	25.6	15.7	10.5	3.6	51.7	305	
	15-17	100.0	99.3	85.6	55.2	31.4	19.3	13.7	9.8	4.2	47.3	306	
	18-20	100.0	96.7	86.0	58.5	34.8	21.1	13.7	10.4	3.7	48.3	299	
	21-23	100.0	100.0	96.1	79.7	58.7	37.0	24.3	13.4	6.2	57.1	305	
	TOTALS	100.0	99.8	94.9	81.0	63.0	46.0	32.1	19.9	8.1	60.2	2436	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUN	00-02	100.0	100.0	100.0	97.6	90.5	72.2	54.2	38.0	12.2	72.1	295
	03-05	100.0	100.0	100.0	100.0	97.3	86.9	69.0	47.1	19.2	77.7	297
	06-08	100.0	100.0	100.0	100.0	98.3	94.4	79.1	50.5	18.1	79.8	287
	09-11	100.0	100.0	100.0	99.7	91.8	70.4	47.3	24.5	9.5	69.8	294
	12-14	100.0	100.0	99.3	89.3	64.4	36.6	23.5	12.1	5.0	58.6	296
	15-17	100.0	100.0	95.9	72.7	46.4	27.6	19.1	10.9	4.1	53.8	293
	18-20	100.0	100.0	95.0	74.8	50.7	28.9	18.8	12.1	5.4	54.3	296
	21-23	100.0	100.0	99.3	89.6	71.7	51.9	34.7	21.2	8.8	63.3	297
TOTALS		100.0	100.0	98.7	90.5	76.4	58.6	43.2	27.1	10.3	66.2	2355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	99.3	96.0	86.9	73.1	50.2	20.2	78.4	297
	03-05	100.0	100.0	100.0	100.0	99.0	93.8	84.7	59.9	31.3	82.9	307
	06-08	100.0	100.0	100.0	100.0	99.7	97.4	90.1	69.9	30.8	84.8	302
	09-11	100.0	100.0	99.7	99.0	96.1	81.6	57.6	33.2	10.5	73.6	304
	12-14	100.0	100.0	98.4	93.5	73.9	45.4	29.7	14.7	6.9	62.1	306
	15-17	100.0	99.3	96.4	87.1	59.7	38.3	22.1	11.9	4.6	57.7	302
	18-20	100.0	99.7	96.7	87.3	63.7	40.5	24.2	13.7	5.2	58.8	306
	21-23	100.0	100.0	99.3	96.4	86.1	65.3	45.9	24.1	9.9	68.3	303
TOTALS		100.0	99.9	98.8	95.3	84.3	68.7	53.4	34.7	14.9	70.8	2428

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS
AUG	00-02	100.0	100.0	100.0	99.7	99.0	92.8	78.0	54.3	22.0	80.4	304
	03-05	100.0	100.0	100.0	100.0	100.0	97.7	87.7	68.4	31.3	84.4	310
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.4	81.2	44.9	87.9	303
	09-11	100.0	100.0	100.0	100.0	100.0	91.9	73.4	36.7	11.4	77.2	297
	12-14	100.0	100.0	100.0	98.3	79.9	51.8	29.4	16.8	2.3	63.2	303
	15-17	100.0	100.0	99.7	92.2	63.1	39.2	24.5	10.5	3.6	59.0	306
	18-20	100.0	100.0	99.7	93.1	67.4	46.7	27.6	15.8	6.6	61.1	304
	21-23	100.0	100.0	100.0	99.7	93.8	77.0	59.2	32.2	10.5	72.9	304
TOTALS		100.0	100.0	99.9	97.9	87.9	74.6	59.7	39.5	16.6	73.3	2431

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NOY OBS
SEP	00-02	100.0	100.0	100.0	100.0	99.7	97.6	87.5	66.3	28.1	83.5	286
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	94.3	79.5	39.3	86.9	296
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.9	85.6	50.7	88.7	292
	09-11	100.0	100.0	100.0	100.0	100.0	98.3	93.5	72.1	32.3	85.1	294
	12-14	100.0	100.0	100.0	99.3	92.3	77.1	53.5	33.1	13.0	72.2	284
	15-17	100.0	100.0	99.7	95.5	80.1	57.7	37.1	23.0	9.6	65.6	291
	18-20	100.0	100.0	100.0	97.8	85.7	65.6	41.6	26.2	12.2	68.2	276
	21-23	100.0	100.0	100.0	99.3	98.0	89.6	73.7	50.2	18.2	78.7	297
TOTALS		100.0	100.0	100.0	99.0	94.5	85.7	72.3	54.5	25.4	78.6	2323

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
OCT	00-02	100.0	100.0	100.0	100.0	99.7	96.0	85.1	58.3	21.9	81.6	302	
	03-05	100.0	100.0	100.0	100.0	99.7	97.4	89.3	65.9	31.2	83.9	306	
	06-08	100.0	100.0	100.0	100.0	100.0	99.0	93.4	77.5	31.5	85.6	302	
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	90.7	70.1	31.9	84.5	301	
	12-14	100.0	100.0	100.0	100.0	97.3	86.2	66.7	41.1	12.8	76.0	297	
	15-17	100.0	100.0	99.7	97.7	89.1	73.0	49.3	30.9	9.2	70.4	304	
	18-20	100.0	100.0	100.0	99.7	95.6	83.5	60.6	39.4	11.4	74.6	297	
	21-23	100.0	100.0	100.0	100.0	99.3	93.7	76.2	52.0	15.9	79.4	302	
	TOTALS	100.0	100.0	100.0	99.7	97.6	90.9	76.4	54.4	20.7	79.5	2413	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUP	OBS
NOV	00-02	100.0	100.0	100.0	99.7	99.7	97.6	92.5	77.8	35.5	85.6	293	
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	96.3	79.3	38.6	86.6	295	
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.6	79.0	41.2	87.0	291	
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	96.5	81.9	39.9	86.7	288	
	12-14	100.0	100.0	100.0	100.0	99.3	95.9	86.7	63.6	27.9	82.4	294	
	15-17	100.0	100.0	100.0	99.3	96.6	92.3	78.8	57.6	23.2	79.8	297	
	18-20	100.0	100.0	100.0	99.3	98.6	95.9	84.6	62.1	27.0	81.8	293	
	21-23	100.0	100.0	100.0	100.0	100.0	98.0	91.2	72.0	30.4	84.4	296	
TOTALS		100.0	100.0	100.0	99.8	99.3	97.3	90.4	71.7	33.0	84.3	2347	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
DEC	00-02	100.0	100.0	100.0	100.0	100.0	99.3	93.6	76.9	36.5	85.5	295	
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	94.5	77.9	36.2	85.9	307	
	06-08	100.0	100.0	100.0	100.0	99.7	99.7	95.3	81.1	39.9	86.3	301	
	09-11	100.0	100.0	100.0	99.3	99.3	97.5	94.2	80.4	38.2	85.6	275	
	12-14	100.0	100.0	100.0	99.7	99.0	97.4	90.8	66.8	27.6	83.5	304	
	15-17	100.0	100.0	100.0	100.0	99.3	96.1	84.0	58.2	23.2	81.5	306	
	18-20	100.0	100.0	100.0	100.0	100.0	97.4	87.7	66.9	26.2	83.0	302	
	21-23	100.0	100.0	100.0	100.0	100.0	98.0	91.2	75.9	32.9	84.6	307	
	TOTALS	100.0	100.0	100.0	99.9	99.7	98.1	91.4	73.0	32.6	84.5	2401	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 276120 STATION NAME: MOSCOW USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
JAN	ALL	100.0	100.0	100.0	99.9	99.1	97.6	93.0	70.4	26.7	83.7	2401	
FEB		100.0	100.0	100.0	99.8	97.5	91.5	76.0	47.7	16.8	78.3	2192	
MAR		100.0	100.0	99.9	98.0	91.8	81.6	62.9	40.4	17.5	74.6	2396	
APR		100.0	99.9	98.1	89.1	77.4	62.2	46.1	30.1	12.7	67.1	2348	
MAY		100.0	99.8	94.9	81.0	63.0	46.0	32.1	19.9	8.1	60.2	2436	
JUN		100.0	100.0	98.7	90.5	76.4	58.6	43.2	27.1	10.3	66.2	2355	
JUL		100.0	99.9	98.8	95.3	84.3	68.7	53.4	34.7	14.9	70.8	2426	
AUG		100.0	100.0	99.9	97.9	87.9	74.6	59.7	39.5	16.6	73.3	2431	
SEP		100.0	100.0	100.0	99.0	94.5	85.7	72.3	54.5	25.4	78.6	2323	
OCT		100.0	100.0	100.0	99.7	97.6	90.9	76.4	54.4	20.7	79.5	2413	
NOV		100.0	100.0	100.0	99.8	99.3	97.3	90.4	71.7	33.0	84.3	2347	
DEC		100.0	100.0	100.0	99.9	99.7	98.1	91.4	73.0	32.6	84.5	2401	
TOTALS		100.0	100.0	99.2	95.8	89.0	79.4	66.4	47.0	19.6	75.1	28468	

END

DATE
FILMED

2 88